

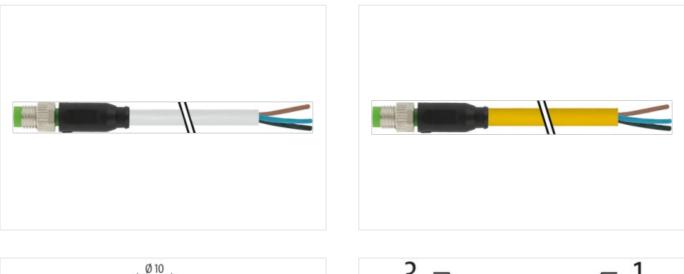
## M8 male 0° A-cod. with cable

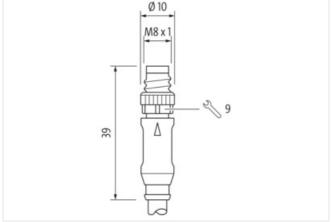
PUR 3x0.25 gy UL/CSA+drag ch. 1.5m

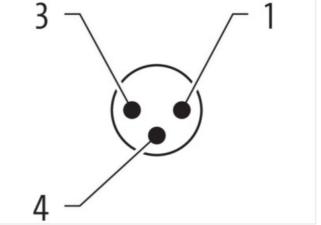
Art.No.: 7000-08001-2300150 Weight: 0.042 Country of origin: US Model designation: MSHL0-R230\_1.5

## Link to Product

Illustration

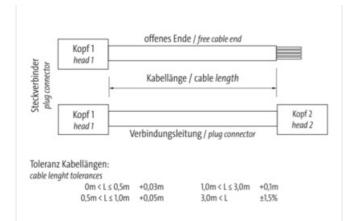


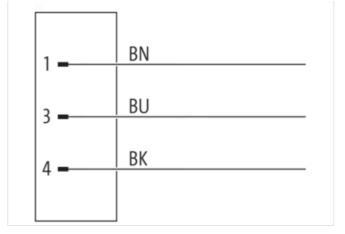




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Product may differ from Image



No. of poles         3           Coding         A           Gender         male           Mounting method         inserted, screwed           Thread         M8 x 1           Tightening torque         0.4 Nm           Width across flats         SW9           Cable outle         straight           suitable for corrugated tube (internal 0)         6.5 mm           Material         PUR           Material contact         Copper alloy           Coating contact         gold plated           Dagree of protection (EN IEC 60529)         IP67, IP66K, IP65           Stod 2            Pamily construction form         free cable end           Stripping length (iacket)         20 mm           Commercial data         20 zmm           URL Webshop         https://shop.murrelektronik.com/7000-08001-2300150           GTIN         404897823835           CoLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-8.1         27279218           ECLASS-8.1         27060311	Side 1	
Coding         A           Gender         male           Mounting method         inserted, screwed           Tirghening torque         0.4 Nm           Tightening torque         0.4 Nm           Width across flats         SW9           Cable outlet         straight           suitable for corrugated tube (internal Ø)         6.5 mm           Material         PUR           Material contact         Copper alloy           Coaling outlet         gold plated           Dagree of protection (EN IEC 60529)         IPG, IPG6K, IPG5           Sile 2         Sile 2           Family construction form         free cable end           Stripping length (jacket)         20 mm           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.1         27279218           ECLASS-8.0         27260311           ECLASS-8.0.1	Family construction form	M8
Gender         male           Mounting method         inserted, screwed           Thread         M8 × 1           Tightening torque         0.4 Nm           Width across flats         SW9           Cable outlet         straight           suitable for corrugated tube (internal Ø)         6.5 mn           Material         PUR           Material contact         Copper alloy           Coaling contact         gold plated           Degree of protection (EN IEC 60529)         IP67, IP66K, IP65           Side 2	No. of poles	3
Mounting method         inserted, screwed           Thread         M8 x 1           Tightening torque         0.4 Nm           Width across flats         SW9           Cable outlet         straight           suitable for corrugated tube (internal Ø)         6.5 mm           Material         PUR           Material contact         Gopper alloy           Coating contact         gold plated           Degree of protection (EN IEC 60529)         IP67, IP66K, IP65           Side 2	Coding	A
Thread         M8 x 1           Tightening torque         0.4 Nm           Width across flats         SW9           Cable outlet         straight           suitable for corrugated tube (internal Ø)         6.5 mm           Material         PUR           Material contact         Copper alloy           Coating contact         gold plated           Degree of protection (EN IEC 60529)         IPCR, IP66K, IP65           Side 2	Gender	male
Tightening torque         0.4 Nm           Width across flats         SW9           Cable outlet         straight           suitable for corrugated tube (internal Ø)         6.5 mm           Material         PUR           Material contact         Copper alloy           Coaling contact         gold plated           Degree of protection (EN IEC 60529)         IP67, IP66K, IP65           Side 2            Family construction form         free cable end           Stripping length (jacket)         20 mm           Commercial data         20 mm           URL Webshop         https://shop.murrelektronik.com/7000-08001-2300150           GTIN         4048879238835           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-7.1         27279218           ECLASS-8.1         27279218           ECLASS-8.1         27279218           ECLASS-9.1         27060311           ECLASS-9.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311	Mounting method	inserted, screwed
Width across flats         SW9           Cable outlet         straight           suitable for corrugated tube (internal Ø)         6.5 mm           Material         PUR           Material contact         Copper alloy           Coating contact         gold plated           Degree of protection (EN IEC 60529)         IP67, IP66K, IP65           Side 2         Family construction form           Free cable end         Stripping length (jacket)           20 mm         Commercial data           URL Webshop         https://shop.murrelektronik.com/7000-08001-2300150           GTIN         404887923835           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-6.1         27279218           ECLASS-7.1         27279218           ECLASS-8.0         27279218           ECLASS-8.1         27279218           ECLASS-8.0         27279218           ECLASS-8.1         27279218           ECLASS-8.1         27279218           ECLASS-8.1         27279218           ECLASS-8.1         27279218           ECLASS-8.1         27260311           ECLASS-9.0         27060311           ECLASS-9.1         27060311	Thread	M8 x 1
Cable outlet         straight           suitable for corrugated tube (internal Ø)         6.5 mm           Material         PUR           Material contact         Coopper alloy           Coating contact         gold plated           Degree of protection (EN IEC 60529)         IP67, IP66K, IP65           Side 2	Tightening torque	0.4 Nm
suitable for corrugated tube (internal Ø)         6.5 mm           Material         PUR           Material contact         Copper alloy           Coating contact         gold plated           Degree of protection (EN IEC 60529)         IP67, IP66K, IP65           Side 2	Width across flats	SW9
Material         PUR           Material contact         Copper alloy           Coating contact         gold plated           Degree of protection (EN IEC 60529)         IP67, IP66K, IP65           Side 2         Family construction form           Family construction form         free cable end           Stripping length (jacket)         20 mm           Commercial data         URL Webshop           URL Webshop         https://shop.murrelektronik.com/7000-08001-2300150           GTIN         4048879233835           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.1         27279218           ECLASS-7.1         27279218           ECLASS-7.1         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-9.1         27060311           ECLASS-9.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-11.0         27060311	Cable outlet	straight
Material contact         Copper alloy           Coating contact         gold plated           Degree of protection (EN IEC 60529)         IP67, IP66K, IP65           Side 2         Family construction form         free cable end           Stripping length (jacket)         20 mm           Commercial data         URL Webshop         https://shop.murrelektronik.com/7000-08001-2300150           GTIN         4048879233835           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-7.1         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-8.1         27279218           ECLASS-8.0         27279218           ECLASS-8.1         27279218           ECLASS-8.0         27279218           ECLASS-8.1         27279218           ECLASS-8.0         27279218           ECLASS-8.1         27279218           ECLASS-8.1         27279218           ECLASS-8.1         27279218           ECLASS-8.1         27279218           ECLASS-9.1         27060311           ECLASS-9.1         27060311           ECLASS-9.1	suitable for corrugated tube (internal $\emptyset$ )	6.5 mm
Coating contact         gold plated           Degree of protection (EN IEC 60529)         IP67, IP66K, IP65           Side 2         Family construction form         free cable end           Stripping length (jacket)         20 mm           Commercial data         URL Webshop         https://shop.murrelektronik.com/7000-08001-2300150           GTIN         4048879233835           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.1         27260311           ECLASS-9.0         27060311           ECLASS-9.1         27060311           ECLASS-10.0.1         27060311           ECLASS-10.1         27060311           ECLASS-11.0         27060311	Material	PUR
Degree of protection (EN IEC 60529)         IP67, IP66K, IP65           Side 2           Family construction form         free cable end           Stripping length (jacket)         20 mm           Commercial data         URL Webshop         https://shop.murrelektronik.com/7000-08001-2300150           GTIN         4048879233835         ECLASS-6.0         27279218           ECLASS-6.1         27279218         ECLASS-7.0         27279218           ECLASS-7.1         27279218         ECLASS-8.1         27279218           ECLASS-8.1         27279218         ECLASS-8.1         27279218           ECLASS-9.0         27279218         ECLASS-9.0         27060311           ECLASS-9.1         27060311         27060311           ECLASS-10.0.1         27060311         27060311           ECLASS-10.1         27060311         27060311           ECLASS-11.0         27060311         27060311	Material contact	Copper alloy
Side 2           Family construction form         free cable end           Stripping length (jacket)         20 mm           Commercial data         URL Webshop           URL Webshop         https://shop.murrelektronik.com/7000-08001-2300150           GTIN         4048879233835           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-7.1         27279218           ECLASS-8.0         27279218           ECLASS-8.1         27279218           ECLASS-8.0         27279218           ECLASS-8.1         27060311           ECLASS-9.0         27060311           ECLASS-9.1         27060311           ECLASS-10.0.1         27060311           ECLASS-10.1         27060311           ECLASS-11.0         27060311	Coating contact	
Family construction form         free cable end           Stripping length (jacket)         20 mm           Commercial data           URL Webshop         https://shop.murrelektronik.com/7000-08001-2300150           GTIN         4048879233835           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.1         27279218           ECLASS-8.0         27279218           ECLASS-8.1         27279218           ECLASS-8.1         27279218           ECLASS-8.1         27279218           ECLASS-8.1         27279218           ECLASS-8.1         27279218           ECLASS-9.0         27279218           ECLASS-8.1         27279218           ECLASS-9.0         27060311           ECLASS-9.1         27060311           ECLASS-9.1         27060311           ECLASS-10.1         27060311           ECLASS-11.0         27060311	Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Stripping length (jacket)         20 mm           Commercial data         https://shop.murrelektronik.com/7000-08001-2300150           GTIN         4048879233835           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-7.1         27279218           ECLASS-8.0         27279218           ECLASS-8.1         27279218           ECLASS-8.0         27279218           ECLASS-8.1         27279218           ECLASS-8.1         27279218           ECLASS-8.1         27279218           ECLASS-8.1         27279218           ECLASS-9.0         27060311           ECLASS-9.1         27060311           ECLASS-9.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-11.0         27060311	Side 2	
Commercial data           URL Webshop         https://shop.murrelektronik.com/7000-08001-2300150           GTIN         4048879233835           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-7.1         27279218           ECLASS-8.0         27279218           ECLASS-8.1         27279218           ECLASS-8.1         27279218           ECLASS-9.0         27279218           ECLASS-9.1         27279218           ECLASS-9.1         27060311           ECLASS-9.1         27060311           ECLASS-9.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311	Family construction form	free cable end
URL Webshop         https://shop.murrelektronik.com/7000-08001-2300150           GTIN         4048879233835           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.1         27279218           ECLASS-8.0         27279218           ECLASS-8.1         27279218           ECLASS-8.1         27279218           ECLASS-8.1         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-10.0.1         27060311           ECLASS-10.1         27060311           ECLASS-11.0         27060311	Stripping length (jacket)	20 mm
GTIN         4048879233835           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-7.1         27279218           ECLASS-8.0         27279218           ECLASS-8.1         27279218           ECLASS-8.1         27279218           ECLASS-8.1         27279218           ECLASS-9.0         27060311           ECLASS-9.1         27060311           ECLASS-10.0.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-11.0         27060311	Commercial data	
ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-7.1         27279218           ECLASS-8.0         27279218           ECLASS-8.1         27279218           ECLASS-9.0         27060311           ECLASS-9.1         27060311           ECLASS-10.0.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311	URL Webshop	https://shop.murrelektronik.com/7000-08001-2300150
ECLASS-6.1       27279218         ECLASS-7.0       27279218         ECLASS-7.1       27279218         ECLASS-8.0       27279218         ECLASS-8.1       27279218         ECLASS-9.0       27060311         ECLASS-9.1       27060311         ECLASS-10.0.1       27060311         ECLASS-10.1       27060311         ECLASS-10.1       27060311         ECLASS-10.1       27060311	GTIN	4048879233835
ECLASS-7.0       27279218         ECLASS-7.1       27279218         ECLASS-8.0       27279218         ECLASS-8.1       27279218         ECLASS-9.0       27060311         ECLASS-9.1       27060311         ECLASS-10.0.1       27060311         ECLASS-10.1       27060311         ECLASS-10.1       27060311         ECLASS-10.1       27060311	ECLASS-6.0	27279218
ECLASS-7.1       27279218         ECLASS-8.0       27279218         ECLASS-8.1       27279218         ECLASS-9.0       27060311         ECLASS-9.1       27060311         ECLASS-10.0.1       27060311         ECLASS-10.1       27060311         ECLASS-10.1       27060311         ECLASS-10.1       27060311	ECLASS-6.1	27279218
ECLASS-8.0       27279218         ECLASS-8.1       27279218         ECLASS-9.0       27060311         ECLASS-9.1       27060311         ECLASS-10.0.1       27060311         ECLASS-10.1       27060311         ECLASS-10.1       27060311         ECLASS-10.1       27060311         ECLASS-10.1       27060311	ECLASS-7.0	27279218
ECLASS-8.1       27279218         ECLASS-9.0       27060311         ECLASS-9.1       27060311         ECLASS-10.0.1       27060311         ECLASS-10.1       27060311         ECLASS-10.1       27060311         ECLASS-10.1       27060311         ECLASS-10.1       27060311	ECLASS-7.1	27279218
ECLASS-9.0       27060311         ECLASS-9.1       27060311         ECLASS-10.0.1       27060311         ECLASS-10.1       27060311         ECLASS-10.1       27060311         ECLASS-11.0       27060311	ECLASS-8.0	27279218
ECLASS-9.1       27060311         ECLASS-10.0.1       27060311         ECLASS-10.1       27060311         ECLASS-11.0       27060311	ECLASS-8.1	27279218
ECLASS-10.0.1       27060311         ECLASS-10.1       27060311         ECLASS-11.0       27060311	ECLASS-9.0	27060311
ECLASS-10.1         27060311           ECLASS-11.0         27060311	ECLASS-9.1	27060311
ECLASS-11.0 27060311	ECLASS-10.0.1	27060311
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ECLASS-11.1 27060311	ECLASS-11.0	27060311
	ECLASS-11.1	27060311

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ECLASS-13.0         2700011           ECLASS-14.0         2700011           ETMA-5.0         EC001855           ETMA-7.0         EC001855           Eterrical data [Supply         50 V           Operating voltage DTMA.         50 V           Operating voltage DTMA.         50 V           Etata indication ED         no           Installation ICOnnection         Testallation ICONNECTION           Back indication ED         no           Installation ICONNECTION ETMENT         MBX 1           Degree of protection [Electrical         Back 1           Degree of protection [Electrical         Stallation ICONNECTION ETMENT           Polision Degree         3           Relation stall protection Etmethal         Stallation ICONNECTION ETMENT           Degree of protection [Electrical         Temethal           Contang of th	ECLASS-12.0	27060311
ETMA-6.0         ECO01855           ETMA-6.0         ECO01855           ETMA-7.0         ECO01855           ETMA-7.0         ECO01855           ETMA 7.0         ECO1855           ETMA 7.0         ECO1857           ETMA 7.0         ECO1857           EVALUE 7.0         ECO1857	ECLASS-13.0	27060311
ETIN 6.0         ECON1955           ETIN 8.0         ECON1955           ETIN 8.0         ECON1955           EAN         404877023835           Electrical dia   Supply         Constant 9000           Operating voltage AC max.         50 V           Operating voltage AC max.         60 V           Current operating voltage AC max.         60 V           Disproatics         T           Status inclusion LED         no           Installation I Connection         Mounting sot           Mounting sot         M5 x 1           Device protection I Electrical         T           Eagree of protection I Electrical         T           Additional condition (EN IEC 60529)         IP67, IP65K, IP65           Additional condition (EN IEC 60529)         IP67, IP65K, IP65           Additional condition (EN IEC 60529)         IP67, IP65K, IP65           Additional condition (EN IEC 60564-1)         I           Meterial group (IEC 60564-1)         I           Meterial group optical dial         Material group (IEC 60564-1)           Meterial group (IEC 60564-1)         I           Meterial group (IEC 60564-1)         I           Meterial dial Material dial         Material group (IEC 60564-1)           Meterial group (IEC	ECLASS-14.0	27060311
ETIN 4:0         EC001855           ETIN 4:0         EC001855           ETIN 4:0         EC001855           Exercised data [Supply         Exercised data [Supply]           Operating voltage AC max.         50 V           Correct operating voltage AC max.         60 V           Current operating per constart max.         4 A           Diagnostice         Exercised voltage AC max.           Status indication LED         no           Installation (Connection         Max 1           Degree of potection [Exercised Notation of the AC notation of the A	ETIM-5.0	EC001855
ETM-8.0         EC001856           EAN         404877823383           Electrical dia I Soppiy         Coparating voltage AC max.         50 Y           Oparating voltage AC max.         50 Y         Coparating voltage AC max.         60 Y           Ciprenting voltage AC max.         60 Y         Common textment presenting per constant max.         4 A           Diagnostics         Total Constant max.         4 A         Common textment per constant max.         4 A           Diagnostics         Total Constant max.         10 N         Total Constant max.         10 N           Device protection I Electrical         Degree of protection I Electrical         Degree of protection I Electrical         Polyson Duspree         3           Polyson Duspree         3         Status strage voltage         1.5 N/V         Material group (EC 60664-1)         1           Hechanical data I Material data         Material Group constant max.         1.5 N/V         Material Group Cipre Constant max.           Coating forbing         Nickel folded         Coating folded         Coating folded         Coating folded           Coating folding         Nickel folded         Fore-coating coating coating max for S Coating folded         Coating for S Coating for S Coating for S Co	ETIM-6.0	EC001855
EAN         4048879233836           Electrical data   Supply            Operating voltage AC max.         50 V           Operating voltage AC max.         60 V           Current operating per contact max.         4 A           Diagnostics            Status indication LED         no           Installicion   Connection            Bevice protection   Electrical            Device protection [Electrical            Device protection relice (Ex 06529)         IP67, IP66K, IP65           Additional condition protection degree         inserted, screwad           Pollution Degree         3           Rated surge voltage         1.5 kV           Material screw connection         Brass           Coating of fitting         risket plated           Locking material         Zine die-casting           Coating of fitting         risket plated           Locking material         Zine die-casting           Coating of fitting         risket plated           Locking material         Zine die-casting           Coating of fitting         risket plated           Locking material         Zine die-casting           Coating of fitting         riskerde plated <tr< td=""><td>ETIM-7.0</td><td>EC001855</td></tr<>	ETIM-7.0	EC001855
Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage AC max.         60 V           Current operating per contact max.         4 A           Dispositio         Testilation IC Conscion           Basilation IC Conscion         Max 1           Description Per contact max.         PA 7. P646K, IP65           Additional constition IC NEC 60529)         PF7. P646K, IP65           Additional constition protection degrie         P67. P646K, IP65           Additional constition protection degrie         P67. P646K, IP65           Additional constition protection degrie         187. P646K, IP65           Material group (EC 60564+1)         1           Mechanical data   Mounting data         The do- casking           Coasting boling         Nokeled           Mounting method         inserted, screwed, Shaking protection           Environmethal characteristics   Climatic         Coasting boling and	ETIM-8.0	EC001855
Operating voltage AC max.50 VOperating voltage DC max.60 VCurrent operating per contact max.4 ADispositsStatus indication LDInstallation   ConnectionnoInstallation   ConnectionMS x 1Device pretection   ElectricalPort/ POK/ POKDarge of protection (EN EC 60529)PO7, POK/ POKAdditonal constition protection degree3Rated auge voltage5.8 VMaterial group (ECE 60647)IPolixion Degree3Rated auge voltage1.5 NVMaterial group (ECE 606647)IMaterial group (ECE 606679)NoPolixion protection degree3Rated auge voltage1.5 NVMaterial group (ECE 606674)IMaterial group (ECE 606674)IPolixion protection degree3Raterial group (ECE 606674)IPolixion Activation (ECE 606674)IPolixion Degree3Raterial screw connectionBrassCoating foltingnickeled BMourting materialXinc die-casing orticular degreeDegree (ECE 606674)incerted, screwed, Shaking protectionEnvironmental characteristics   ClimaticCoating protection (EN ECC 60674)Operating memperature max.68 °COperating memperature max.68 °COperating memperature max.68 °COperating memperature max.68 °CNot on bending radiusAttention: Charone the particular distas, as the IP protection clasc can be generice by suitable measures	EAN	4048879233835
Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED         no           Installation I Connection         Max 1         Degree of protection [Electrical           Device protection [Electrical         Begree of protection (EN IEC 60529)         IP67, IP66K, IP65           Additional condition protection degree         inserted, screwed         Pollution Degree         3           Patel arge voltage         1,5 kV         Material Grow concelon         Brass           Coating of fitting         nickle Jated         Goaling of fitting         Nickled           Methonical data   Material action         Brass         Goaling of fitting         Nickled           Methonical data   Mounting data         Zinc de Goaling         Goaling of fitting         Nickled           Mounting method         insorted, screwed, Shaking protection         Environmental characteristics   Climatic           Environmental characteristics   Climatic         Environmental characteristics   Climatic         Environmental characteristics   Climatic           Mation al condition temperature max.         85 °C         Goaling and an attain reliel         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Contomity         Protect the connectors by suitable measu	Electrical data   Supply	
Current operating per contact max.         4 A           Dispositics         Installation indication IED           Installation indication IED         no           Mounting set         M8 x 1           Device protection IEdectrical         Installation protection degree           Barger of protection (EN IEC 60529)         IP67, IP66K, IP65           Additional condition protection degree         3           Rated surge voltage         1.5 kV           Material group (IEC 60664-1)         I           Material storew connection         Brass           Coating of Iting         nicel plated           Locking material         Zinc die-casting           Coating of Iting         nicel plated           Locking material         Zinc die-casting           Coating of Iting         nicel plated           Locking material         Zinc die-casting           Coating of Iting         nicel plated           Locking material         Zinc die-casting           Coating of Iting         nicel plated           Locking material         Zinc die-casting           Coating of Iting         nicel plated           Locking material         Allocal condition temperature min.           Partice Iting temperature min.         25 °C      >	Operating voltage AC max.	50 V
Diagnostics         statis indiciation LED         no           Installation I Connection         M8 x 1           Device protection [Electrical         M8 x 1           Degree of protection (EN LEC 00529)         IP67, IP66K, IP65           Additional condition protection degree         inserted, screwed           Pulnicin Degree         3           Rated surge voltage         1.5 kV           Material group (EC 00641)         1           Material fubricit         1           Ma	Operating voltage DC max.	60 V
Status indication LED         no           Installation (Connection         Ms x 1           Device protection (Electrical         Device protection (Electrical)           Degree of protection (EN LEC 60529)         IP67, IP66K, IP65           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1.5 kV           Material group (IEC 6068-1)         1           Mechanical data   Material data         To die-casting           Coating of fitting         nickel plated           Coating of fitting         nickel plated           Coating to King         Nickelod           Mechanical data   Material stress         Coating to King           Coating to King         Nickelod           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmential charactoristics   Climatic         Environmential charactoristics   Climatic           Operating temperature min.         25 °C           Operating temperature min.         25 °C           Operating temperature may         defording on cable quality           Muterial stread and working protection datas can be ending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the	Current operating per contact max.	4 A
Installation   Connection         M&x 1           Device protection   Electrical         Image: and protection (En EC 60529)         IP67, IP66K, IP65           Additional condition protection degree         inserted, screwed         Palluton Degree         3           Rated surge voltage         1.5 kV         Image: and protection (En EC 60529)         I           Material group (EC 60564-1)         1         Image: and protection (En EC 60564-1)         I           Mechanical data   Material data         Image: and protection (EC 60564-1)         I           Mechanical data   Material data         Image: and protection (EC 60564-1)         I           Mechanical data   Material data         Image: and protection (EC 60564-1)         I           Mechanical data   Material data         Zinc die-casting         Image: and protection (EC 60564)           Coating forking         Nickeled         Image: and protection (EC 60564)         Image: and protection (EC 60564)           Mounting method         Image: and protection (EC 60564)         Image: and protection (EC 60564)         Image: and protection (EC 60564)           Mounting method         Image: and protection (EC 60564)         Image: and protection (EC 60564)         Image: and protection (EC 60564)           Operating temperature max.         85 °C         Coating protection temperature max.         85 °C <td< td=""><td>Diagnostics</td><td></td></td<>	Diagnostics	
Mounting set         M8 x 1           Device protection [Electrical           Degree of protection (Electrical           Operating environmental inserted, servewed           Pollution Degree         3           Rated surge voltage         1.5 kV           Material group (EC 60664-1)         1           Mechanical data [Material data         Environmental data           Mechanical data [Material data         Environmental data           Coating of tiling         nickel plated           Coating locking         Nickeled           Mechanical data [Mounting data         Inserted, screwed, Shaking protection           Pervisonmental characteristics [Climatic         Common characteristics [Climatic           Operating temperature max.         65 °C           Operating temperature max.         65 °C           Additional condition temperature range         depending orces.           Nole on bending radius         Attention: Observe the permissible bending radi when laying cables, as the IP protection class can be endangered by accessive bending forces.           Nole on stain relef         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cabl	Status indication LED	no
Device protection [Electrical           Degree of protection (EN IEC 60529)         IP67, IP66K, IP65           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1.5 kV           Material group (IEC 60684-1)         I           Mechanical data [Material data         macrial screw connection           Material group (IEC 60684-1)         I           Metrial screw connection         Brass           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Ceating locking         Nickeled           Mechanical data [Material data         Miceled screwed, Shaking protection           Environmental characteristics [Climatic         Coading of inting on cable quality           Mounting method         inserked, screwed, Shaking protection           Environmental characteristics [Climatic         Coading of coality of coality           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending radiu when save serve the permissible bending radii when laying cables, e.g. by the usage of cable test.	Installation   Connection	
Degree of protection (EN IEC 60529)         IP67, IP66K, IP65           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1.5 KV           Material group (IEC 60664-1)         1           Mechanical data   Meterial data         Material screw connection           Baras         Cocating of fitting           Cocating of fitting         nickel plated           Locking material         Zinc die-casting           Cotating of fitting         nickel plated           Locking material         Zinc die-casting           Cotating of fitting         nickel plated           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important Installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending radiu shen laying cables, as the IP protection class can be ending radiu shen laying cables, as the IP protection class can be ending radiu shen laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending radii when laying c	Mounting set	M8 x 1
Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1.5 kV         Material group (EC 60664-1)       I         Mechanical data   Material data       Image: Control on Brass         Coating of fitting       nickel plated         Locking material       Zinc die-casing         Coating locking       Nickeled         Mechanical data   Mounting data       Image: Control on Brass         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatio       Coating locking         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important Installation notes       Attenion: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Note on strain reliof       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Conformity       Imstallation Cable         Cable identification       230         Cable identification       230         Cable identification       230         Cable identification       24 m	Device protection   Electrical	
Pollution Degree       3         Rated surge voltage       1.5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       Material group (IEC 60664-1)         Material strew connection       Brass         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Coating locking       Nickeled         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature max.         Operating temperature max.       85 °C         Operating temperature max.       85 °C         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Conformity       Eable interfaction         Product standard       DIN EN 61076-2-104 (M8)         Installation   Cable       230         Cable interfaction       230         Cable interfaction       230         Cable interfaction       230         Cable interfaction       1	Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Rated surge voltage       1.5 kV         Material group (IEC 60664-1)       I         Mechanical data   Meterial data       Material screw connection         Material screw connection       Brass         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Coating of fitting       Nickeled         Mechanical data   Mounting data       Mechanical data   Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature max.       85 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important Installation notes       Material wise mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Contormity       Product standard       DIN EN 61076-2-104 (M8)         Installation   Cable       230       Cable identification         Cable identification       230       Cable t	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)       I         Mechanical data   Material data         Material screw connection       Brass         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Coating locking       Nickeled         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature max.         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endinger dby excessive bending forces.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Contomity       Environmental characteristical ( Mis)         Instellation   Cable       230         Cable defification       230         Cable defification       230         Cable defification       230         Cable defification       244 g/m         Material wire insulation       PP         Amount stranding       1         Stranding       Wires	Pollution Degree	3
Mechanical data   Material data           Material screw connection         Brass           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Coating locking         Nickeled           Mechanical data   Mounting data         Mounting method           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Ention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation roles         Ention: Observe the permissible bending radii when laying cables, e.g. by the usage of cable ties.           Conformity         Ention: Observe the permissible bending radii when laying cables, e.g. by the usage of cable ties.           Installation   Cable         Ention: Observe the pe	Rated surge voltage	1.5 kV
Material screw connection         Brass           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Coating locking         Nickeled           Mechanical data   Mounting data         Mounting method           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Cable Type         3         Amount stranding         1           Installation   Cable         230         Cable Type         3           Amount stranding         1         Stranding         Wirees           Wire arrangement         brow, black, blue         Cable weighth         26.4 g/m           Material wire insulation         PP         Amount wires <td< td=""><td>Material group (IEC 60664-1)</td><td>I</td></td<>	Material group (IEC 60664-1)	I
Coating of fitting       nickel plated         Locking material       Zinc die-casting         Coating locking       Nickeled         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Conformity       Product standard         Installation   Cable       230         Cable identification       230         Cable identification       230         Cable regerent       brown, black, blue         Cable weight       26.4 g/m         Material wire insulation       PP         Amount stranding       1         Stranding       26.4 g/m         Material wire insulation       PP	Mechanical data   Material data	
Locking material         Zinc die-casting           Coating locking         Nickeled           Mechanical data   Mounting data         Mounting method           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on bending radius         Attention: Observe the permissible measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Installation   Cable         Cable identification           Cable identification         230           Cable Type         3           Amount stranding         1           Stranding         Wires           Wire arrangement         brown, black, blue           Cable weighth         26.4 g/m           Material wire insulation         PP           Amount wires         3           Outer diameter insulation         1.25 mm	Material screw connection	Brass
Coating locking         Nickeled           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature range         depending on cable quality           Important installation notes         Mutention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Product standard         DIN EN 61076-2-104 (M8)           Installation   Cable         230           Cable identification         230           Cable Type         3           Amount stranding         1           Stranding         Wires           Wire arangement         brown, black, blue           Cable weigth         26.4 g/m           Material wire insulation         PP           Amount wires         3           Outer diameter insulation         1.25 mm	Coating of fitting	nickel plated
Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Product standard           Product standard         DIN EN 61076-2-104 (M8)           Installation   Cable         230           Cable identification         230           Cable Type         3           Amount stranding         1           Stranding         Wires           Wire arangement         brown, black, blue           Cable weigth         26.4 g/m           Material wire insulation         PP           Amount wires         3           Outer diameter insulation         1.25 mm		
Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature mage         depending on cable quality           Important Installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on bending radius         Attention: Observe the permissible measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Cable identification         230           Cable identification         230           Cable identification         230           Stranding         Wires           Wire arrangement         brown, black, blue           Cable weigth         26.4 g/m           Material wire insulation         PP           Arount wires         3           Outer diameter insulation         1.25 mm		
Environmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant Installation notesAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.ConformityProduct standardProduct standardDIN EN 61076-2-104 (M8)Installation   CableCable identificationCable identification230Cable identification230Cable Type3Amount stranding1WiresWiresWire arrangementbrown, black, blueCable weigth26.4 g/mMaterial wire insulationPPAmount wires3Outer diameter insulation1.25 mm	Locking material	Zinc die-casting
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant installation notesAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.ConformityInstallation   CableCable identification230Cable identification230Cable Type3Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth26.4 g/mMaterial wire insulationPPAmount wires3Outer diameter insulation1.25 mm	Locking material Coating locking	Zinc die-casting
Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Conformity       Product standard         DIN EN 61076-2-104 (M8)       Installation   Cable         Cable identification       230         Cable Type       3         Amount stranding       1         Stranding       Wires         Wire arrangement       brown, black, blue         Cable weigth       26.4 g/m         Material wire insulation       PP         Amount wires       3         Outer diameter insulation       1.25 mm	Locking material Coating locking Mechanical data   Mounting data	Zinc die-casting Nickeled
Additional condition temperature range       depending on cable quality         Important installation notes       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Conformity       Product standard       DIN EN 61076-2-104 (M8)         Installation   Cable       230         Cable identification       230         Cable Identification       230         Cable Xanding       Wires         Wire arrangement       brown, black, blue         Cable weigth       26.4 g/m         Material wire insulation       PP         Amount wires       3         Outer diameter insulation       1.25 mm	Locking material Coating locking Mechanical data   Mounting data Mounting method	Zinc die-casting Nickeled
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Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.ConformityInstallation   CableCable identification230Cable Type3Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth26.4 g/mMaterial wire insulation3Outer diameter insulation1.25 mm	Locking material         Coating locking         Mechanical data   Mounting data         Mounting method         Environmental characteristics   Climatic         Operating temperature min.	Zinc die-casting Nickeled inserted, screwed, Shaking protection -25 °C
Note of bending facility       endangered by excessive bending forces.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Conformity       Product standard       DIN EN 61076-2-104 (M8)         Installation   Cable       Cable identification       230         Cable identification       230       Cable Type       3         Amount stranding       1       Stranding       Wires         Wire arrangement       brown, black, blue       Cable veigth       26.4 g/m         Material wire insulation       PP       3       Cable veigth       1.25 mm	Locking material         Coating locking         Mechanical data   Mounting data         Mounting method         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.	Zinc die-casting Nickeled inserted, screwed, Shaking protection -25 °C 85 °C
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Product standardDIN EN 61076-2-104 (M8)Installation   CableCable identification230Cable Type3Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth26.4 g/mMaterial wire insulationPPAmount wires3Outer diameter insulation1.25 mm	Locking material         Coating locking         Mechanical data   Mounting data         Mounting method         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Additional condition temperature range         Important installation notes	Zinc die-casting Nickeled inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Installation   CableCable identification230Cable Type3Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth26.4 g/mMaterial wire insulationPPAmount wires3Outer diameter insulation1.25 mm	Locking material         Coating locking         Mechanical data   Mounting data         Mounting method         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Additional condition temperature range         Important installation notes         Note on bending radius	Zinc die-casting         Nickeled         inserted, screwed, Shaking protection         -25 °C         85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Cable identification230Cable Type3Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth26.4 g/mMaterial wire insulationPPAmount wires3Outer diameter insulation1.25 mm	Locking material         Coating locking         Mechanical data   Mounting data         Mounting method         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Additional condition temperature range         Important installation notes         Note on bending radius         Note on strain relief	Zinc die-casting         Nickeled         inserted, screwed, Shaking protection         -25 °C         85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Cable Type3Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth26.4 g/mMaterial wire insulationPPAmount wires3Outer diameter insulation1.25 mm	Locking material         Coating locking         Mechanical data   Mounting data         Mounting method         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Additional condition temperature range         Important installation notes         Note on bending radius         Note on strain relief         Conformity	Zinc die-casting         Nickeled         inserted, screwed, Shaking protection         -25 °C         85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth26.4 g/mMaterial wire insulationPPAmount wires3Outer diameter insulation1.25 mm	Locking material         Coating locking         Mechanical data   Mounting data         Mounting method         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Additional condition temperature range         Important installation notes         Note on bending radius         Note on strain relief         Conformity         Product standard	Zinc die-casting         Nickeled         inserted, screwed, Shaking protection         -25 °C         85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
StrandingWiresWire arrangementbrown, black, blueCable weigth26.4 g/mMaterial wire insulationPPAmount wires3Outer diameter insulation1.25 mm	Locking material         Coating locking         Mechanical data   Mounting data         Mounting method         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Additional condition temperature range         Important installation notes         Note on bending radius         Note on strain relief         Conformity         Product standard         Installation   Cable	Zinc die-casting         Nickeled         inserted, screwed, Shaking protection         -25 °C         85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         DIN EN 61076-2-104 (M8)
Wire arrangement     brown, black, blue       Cable weigth     26.4 g/m       Material wire insulation     PP       Amount wires     3       Outer diameter insulation     1.25 mm	Locking material         Coating locking         Mechanical data   Mounting data         Mounting method         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Additional condition temperature range         Important installation notes         Note on bending radius         Note on strain relief         Conformity         Product standard         Installation   Cable         Cable identification	Zinc die-casting         Nickeled         inserted, screwed, Shaking protection         -25 °C         85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         DIN EN 61076-2-104 (M8)         230
Cable weigth26.4 g/mMaterial wire insulationPPAmount wires3Outer diameter insulation1.25 mm	Locking material         Coating locking         Mechanical data   Mounting data         Mounting method         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Additional condition temperature range         Important installation notes         Note on bending radius         Note on strain relief         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type	Zinc die-casting         Nickeled         inserted, screwed, Shaking protection         -25 °C         85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         DIN EN 61076-2-104 (M8)         230         3
Material wire insulation     PP       Amount wires     3       Outer diameter insulation     1.25 mm	Locking material         Coating locking         Mechanical data   Mounting data         Mounting method         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Additional condition temperature range         Important installation notes         Note on bending radius         Note on strain relief         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Amount stranding	Zinc die-casting         Nickeled         inserted, screwed, Shaking protection         -25 °C         85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         DIN EN 61076-2-104 (M8)         230         3         1
Amount wires     3       Outer diameter insulation     1.25 mm	Locking material         Coating locking         Mechanical data   Mounting data         Mounting method         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Additional condition temperature range         Important installation notes         Note on bending radius         Note on strain relief         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Amount stranding         Stranding	Zinc die-casting Nickeled inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. DIN EN 61076-2-104 (M8) 230 3 1 Wires
Outer diameter insulation     1.25 mm	Locking material         Coating locking         Mechanical data   Mounting data         Mounting method         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Additional condition temperature range         Important installation notes         Note on bending radius         Note on strain relief         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Amount stranding         Stranding         Wire arrangement	Zinc die-casting Nickeled inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. DIN EN 61076-2-104 (M8) 230 3 1 Wires brown, black, blue
	Locking material         Coating locking         Mechanical data   Mounting data         Mounting method         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Additional condition temperature range         Important installation notes         Note on bending radius         Note on strain relief         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Amount stranding         Stranding         Wire arrangement         Cable weigth	Zinc die-casting         Nickeled         inserted, screwed, Shaking protection         -25 °C         85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         DIN EN 61076-2-104 (M8)         230         3         1         Wires         brown, black, blue         26.4 g/m
Outer diameter tolerance core insulation ± 0.05 mm	Locking materialCoating lockingMechanical data   Mounting dataMounting methodEnvironmental characteristics   ClimaticOperating temperature min.Operating temperature max.Additional condition temperature rangeImportant installation notesNote on bending radiusNote on strain reliefConformityProduct standardInstallation   CableCable identificationCable TypeAmount strandingStrandingWire arrangementCable weigthMaterial wire insulation	Zinc die-casting         Nickeled         inserted, screwed, Shaking protection         -25 °C         85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         DIN EN 61076-2-104 (M8)         230         3         1         Wires         brown, black, blue         26.4 g/m         PP
	Locking material         Coating locking         Mechanical data   Mounting data         Mounting method         Environmental characteristics   Climatic         Operating temperature min.         Operating temperature max.         Additional condition temperature range         Important installation notes         Note on bending radius         Note on strain relief         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Amount stranding         Stranding         Wire arrangement         Cable weigth         Material wire insulation         Amount wires	Zinc die-casting         Nickeled         inserted, screwed, Shaking protection         -25 °C         85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         DIN EN 61076-2-104 (M8)         230         3         1         Wires         brown, black, blue         26.4 g/m         PP         3

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Shore hardness wire insulation	70
Ingredient freeness wire insulation	CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Amount strands (wire)	32
Diameter of single wires	0.1 mm
Conductor crosssection (wire)	0.25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Outer-diameter (jacket)	4.1 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	90
Freedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Material property (jacket)	matte, good machinability, abrasion-resistant, low adhesion
Conductor resistance (wire)	79 Ω/km @ 20 °C
Nominal voltage AC max.	300 V
Withstand voltage (wire - wire)	2.5 kV @ 60 s
Withstand voltage (wire - jacket)	2.5 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4.5 A
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (drag chain)	-25 °C
Operating temperature max. (drag chain)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1090, CSA FT2, IEC 60332-2-2
Oil resistance	IEC 60811-404
Chemical resistance	good
Other resistances	good resistance to gasoline, resistant to hydrolysis, resistant to microbes
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Travel speed (C-track)	3 m/s @ 25 °C
Acceleration (C-track)	10 m/s² @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	180 °/m
Torsion speed	35 cycles/min

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