

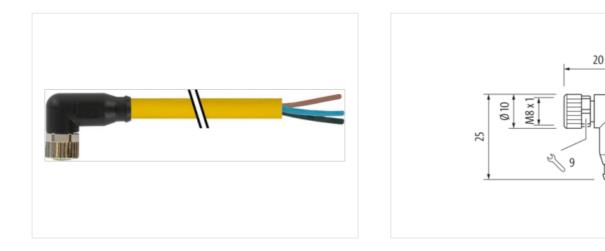
## M8 female 90° A-cod. with cable

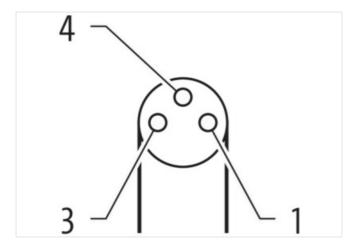
PUR 3x0.25 ye UL/CSA+drag ch. 15m

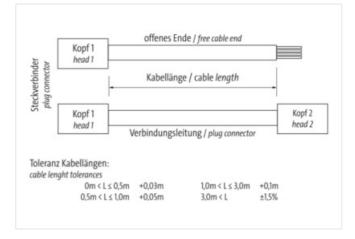
Art.No.: 7000-08081-0301500 Weight: 0.357 Country of origin: US Model designation: MSGL0-R030\_15.0

## Link to Product

Illustration

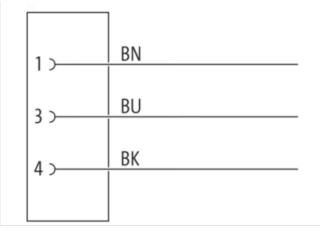






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Product may differ from Image



CodingAGenderfemaleMounting methodinserted, screwedThreadM8 x 1Tightening torque0.4 NmWidth across flatsSW9Cable outletangledSuitable for corrugated tube (internal Ø)6.5 mmMaterialPURMaterial contactGopper alloyCoaling ontactgold platedDegree of protection (EN IEC 60529)IP67, IP66K, IP65Side 2VPamily construction formfree cable endStripping length (jacket)20 mmCoalingH05x/Psop.anurrelektronik.com/7000-08081-0301500GTIN4048679228947ECLASS-6.027279218ECLASS-7.127279218ECLASS-7.127279218ECLASS-7.127279218ECLASS-8.127279218ECLASS-8.127279218ECLASS-8.027060311ECLASS-9.0.127060311ECLASS-10.127060311ECLASS-11.027060311ECLASS-11.027060311ECLASS-11.027060311ECLASS-11.027060311ECLASS-11.027060311ECLASS-11.027060311ECLASS-11.027060311ECLASS-11.027060311ECLASS-11.027060311ECLASS-11.027060311ECLASS-11.027060311ECLASS-11.027060311ECLASS-11.027060311ECLASS-11.027060311ECLASS-11.027060311ECLASS-11.027060311	Side 1	
Coding         A           Gender         female           Mounting method         inserted, screwed           Tinead         M8 x 1           Tightening torque         0.4 Nm           Width across flats         SW9           Cable outlet         angled           suitable for corrugated tube (internal Ø)         6.5 mm           Material contact         Copper alloy           Coating contact         gold plated           Dagree of protection (EN IEC 60529)         IP66, IP65           Sile 2         20 mm           Commercial data         20 mm           Construction form         free cable end           Stripping length (jacket)         20 mm           ColLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-7.1         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27260311           ECLASS-10.1         27060311           ECLASS-10.1         27060311	Family construction form	M8
Gender         female           Mounting method         inserted, screwed           Thread         M8 × 1           Tightening torque         0.4 Nm           Width accoss flats         SW9           Cable outlet         angled           suitable for corrugated tube (internal Ø)         6.5 m           Material         PUR           Material contact         Copper alloy           Coating contact         gold plated           Degree of protection (EN IEC 60529)         IP67, IP66K, IP65           Side 2	No. of poles	3
Mounting method         inserted, screwed           Trigned         M8 x 1           Tightening torque         0.4 Nm           Width across flats         SW9           Cable outlet         angled           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            Family construction form         free cable end           Stripping length (jacket)         20 mm           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.1         27279218           ECLASS-7.	Coding	A
Thread         M8 x 1           Tightening torque         0.4 Nm           Width across flats         SW9           Cable outlet         angled           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)         IPC, IPG6K, IP65           Side 2	Gender	female
Tightening torque         0.4 Nm           Width across flats         SW9           Cable outlef         angled           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	Mounting method	inserted, screwed
Width across flats         SW9           Cable outlet         angled           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	Thread	M8 x 1
Cable outlet         angled           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            Family construction form         free cable end           Stripping length (jacket)         20 mm           Commercial data            URL Webshop         https://shop.murrelektronik.com/7000-08081-0301500           GTIN         4048879228947           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.1         27279218           ECLASS-8.1         27260311           ECLASS-9.0         27060311           ECLASS-9.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311		
suitable for corrugated tube (internal 0)         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/7000-08081-0301500           GTIN         4048879228947           ECLASS-6.0         27279218           ECLASS-6.1         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	Cable outlet	
Material contact         Copper alloy           Coating contact         gold plated           Degree of protection (EN IEC 60529)         IP67, IP66K, IP65           Side 2	suitable for corrugated tube (internal Ø)	
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/7000-08081-0301500           GTIN         4048879228947           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.1         27279218           ECLASS-8.0         27279218           ECLASS-8.1         27260311           ECLASS-9.0         27060311           ECLASS-9.1         27060311           ECLASS-10.0.1         27060311           ECLASS-11.0         27060311           ECLASS-11.0         27060311	Material	
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/7000-08081-0301500           GTIN         4048879228947         ECLASS-6.0         27279218           ECLASS-6.1         27279218         ECLASS-7.1         27279218           ECLASS-7.1         27279218         ECLASS-8.1         27279218           ECLASS-8.1         27279218         ECLASS-9.0         27279218           ECLASS-9.0         27279218         ECLASS-9.0         27060311           ECLASS-9.1         27060311         27060311           ECLASS-10.1         27060311         27060311           ECLASS-11.0         27060311         27060311		
Side 2           Family construction form         free cable end           Stripping length (jacket)         20 mm           Commercial data         URL Webshop           URL Webshop         https://shop.murrelektronik.com/7000-08081-0301500           GTIN         4048879228947           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-9.0         27060311           ECLASS-9.1         27060311           ECLASS-9.1         27060311           ECLASS-10.0.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311		
Family construction form         free cable end           Stripping length (jacket)         20 mm           Commercial data           URL Webshop         https://shop.murrelektronik.com/7000-08081-0301500           GTIN         4048879228947           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-9.0         27279218           ECLASS-9.1         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            URL Webshop         https://shop.murrelektronik.com/7000-08081-0301500           GTIN         4048879228947           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-7.1         27279218           ECLASS-8.0         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/7000-08081-0301500           GTIN         4048879228947           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-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-11.0         27060311	Family construction form	free cable end
URL Webshop         https://shop.murrelektronik.com/7000-08081-0301500           GTIN         4048879228947           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         27260311           ECLASS-9.1         27060311           ECLASS-10.1         27060311           ECLASS-11.0         27060311	Stripping length (jacket)	20 mm
GTIN         4048879228947           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         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-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           ECLASS-10.1         27060311	URL Webshop	https://shop.murrelektronik.com/7000-08081-0301500
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	4048879228947
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	
ECLASS-10.0.1       27060311         ECLASS-10.1       27060311         ECLASS-11.0       27060311	ECLASS-9.0	27060311
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ECLASS-11.1 27060311	ECLASS-11.0	27060311
	ECLASS-11.1	27060311

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ECLASS 13:0         2706031           ECLASS 14:0         2706031           ECLASS 14:0         2706031           ETMA 5.0         ECO1685           ETMA 6.0         ECO1685           ETMA 7.0         ECO1685           ETMA 6.0         ECO1685           ETMA 7.0         ECO1695           EAN         Add897/202047           Electrical data [ Supply         Construction (Construction (Constructio	ECLASS-12.0	27060311
ECA.452.4.0         2990311           ETM 6.0         EC001865           ETM 6.0         EC001865           ETM 6.0         EC001865           ETM 6.0         EC001865           EAN         4048775228547           Electrical dia I Supply         Coparating voltage AC max.           Operating voltage AC max.         50 V           Operating voltage AC max.         50 V           Operating voltage AC max.         60 V           Current operating part of mata max.         4 A           Dearonics         Electrical dia I Supply           Dearonics         F           Status Indication LED         no           Baseliation I Connection         F           Devices protection [FUEC 6050)         1967, 1966K, 1965           Additional condition protection degree         Insettod: screwed           Poliation Dagree         1           Material screw connection         Zno dia casting           Coating of main         noke casting           Coating forting         noke casting           Coating forting         noke casting           Coating forting         noke casting           Coating forting         Nokeled           Material gasket         PKM		
ETM-5.0         EC001985           ETM-6.0         EC001985           ETM-7.0         EC001985           ETM-7.0         EC001985           ETM-7.0         EC001985           ETM-7.0         EC001985           ETM-7.0         EC001985           Exercical data i Supply         V           Operating voltage O max.         60 V           Correct operating Voltage O max.         60 V           Degree O protection (EVEC 60059)         107, 1P60K, IP65           Additional condition (EVEC 60059)         107, 1P60K, IP65           Additional condition (EVEC 60059)         107, 1P60K, IP65           Additional condition (EVEC 60059)         107, 1P60K, IP65           Additional Conditis data         1000		
ETM 6.0         EC001985           ETM 6.0         EC001985           ETM 6.0         EC001855           EAN         404877028847           Electrical data I Supply         Contrainty outage 0.C max.           Operating voltage 0.C max.         60 V           Current operating per contact max.         4 A           Dispositics         Status modation LED           Mounting set         M8 x 1           Device protection [Electrical         Device protection [Electrical           Degree of protection I Electrical         Device protection [Electrical           Degree of protection I Electrical         Inserted, sorewed           Additional condition protection degree         isserted, sorewed           Patherin Durgine         3           Rated surge voltage         1 SAV           Material group (EC 60854:1)         1           Metchanical data [Mounting data         Zno die-casting           Coating of fittig         nickle plated           Coating of fittig         nickle plated           Coating of fittig         nickle plated           Coating of fittig         rickle plated           Coating of fittig         rickle plated           Coating plosing         Nickle plated           Coating plosing		
ETIN-7.0         ECODI 855           ETIN 8.0         ECODI 855           ETIN 8.0         ECODI 855           EAN         4048778225847           Electrical data [ Supply         GP anting voitage AC max.         50 V           Operating voitage AC max.         60 V         Current operating per contact max.         4 A           Dispositic         GO V         Current operating per contact max.         4 A           Dispositic         So V         Current operating per contact max.         4 A           Dispositic         So V         Current operating per contact max.         4 A           Desize protection LECentrical         Mounting set         Max 1         Electrical           Device protection [Electrical         Device protection [Electrical         Electrical         Electrical         Electrical           Datase and calcular protection degree         Instruct acrewed         Electrical         Electrical Electrical         Electrical		
ETIM #.0         ECON1855           EAN         404877228947           Electrical al Supply         Electrical al Supply           Operaling voltage AC max.         50 V           Operaling voltage AC max.         60 V           Current operating per contact max.         4 A           Dispositie         Feature interfact per contact max.           Status indication LED         no           Instatute inf Connection         Max 1           Degree of protection [Electrical         Degree of protection (EN IEC 6055)           Degree of protection [Electrical         Poperating operating max in the instant indicator protection degree           Patted surge voltage         1.5 kV           Material group (EC 6066-1)         1           Meterial group (EC 6066-1)         1           Diperati		
EAN         4048879228947           Electrical data   Supply         90           Operating voltage AC max.         50 V           Operating voltage AC max.         60 V           Current operating per contact max.         4 A           Diagnostics         90           Status indication LED         no           Installation   Connection         90 × 1           Device protection   Electrical         90 × 1           Device protection   Electrical         90 × 1           Additional considin protection degree         inserted, screwed           Polution Degree         3           Rate argue voltage         1.5 kV           Material acrew connection         Zine die-casting           Coating of ting         ricke-balad           Material acrew connection         Zine die-casting           Coating of ting         ricke-balad           Casting of ting         ricke-balad           Material acrew connection         Zine die-casting           Casting of ting         ricke-balad           Coating of ting         Nickel act attrast at	-	
Electrical data   Supply           Operating voltage AC max.         50 V           Convent operating per contact max.         4 A           Disposition         Image: Convent operating per contact max.           Device per contaction (EleCtrice)         Image: Convent operating per contact max.           Device protection   Electrical         Image: Convent operating per coper convent operating per convent operating per convent		
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Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED         no           Installation I Connection         Installation I Connection I Electrical         Degree of protection I Electrical           Degree of protection I Electrical         Installation production degree         inserted, screwed           Pollucion Dagree of protection (EN IEC 60829)         1 P67, IP66K, IP65         Addition production degree           Addition production degree         inserted, screwed         Pollucion Dagree of protection I Electrical           Material screw connection         Zinc die caating         Conternity           Coating of titing         mickel plated         Locking matterial           Coating of titing         mickel plated         Locking matterial           Coating of titing         inserted, screwed.         Pollucion Dagree           Material screw connection         Zinc die caating         Coating of titing           Coating of titing         inserted, screwed. Shaking protection         Electrical Science           Coating toking         Neckoled         Material screw connection         Electrical Science           Coating toking method         inserted, screwed. Shaking protection         Electrical Science           Operating temperature max. </td <td></td> <td></td>		
Current operating per contact max.     4 A       Diagnostics     Status indication LED       Installation J Connection     Installation J Connection       Mounting set     M8 x 1       Device protection IElectrical     IEEE Control (EN IEC 60529)       Device protection of egree     1867, IP66K, IP65       Additional condition protection degree     1867, IP66K, IP65       Additional condition protection degree     3       Padids using vortage     1.5 kV       Material group (IEC 60664-1)     1       Material gravitat     Zinc die-casting       Coasting functional data     Material gravitat       Material gravitat     Riecol data <td></td> <td></td>		
Diagnostics         Status indication LED         no           Installation I Connection         Max 1           Device protection [Electrical         IP67, IP66K, IP65           Additional condition protection degree         inserted, screwed           Polution Degree         3           Rated surge voltage         1.5 kV           Material group (Electrical         IP67, IP66K, IP65           Additional condition protection degree         inserted, screwed           Polution Degree         3           Rated surge voltage         1.5 kV           Material storew (Ele RoB64-1)         1           Interchancel data   Material data         Incele-casting           Coating of Hinging         nickele plated           Locking material         Zinc die-casting           Coating of Hinging         nickeled           Material storew (Elementatus)         Recedentatus)           Depresenting temperature min.         25 °C           Operating temperature min.         25 °C           Operating temperature max         85 °C           Additional condition temperature range         deprections by stutable measures from mechanical loads, e.g. by the usage of cable ties.           Device mending radius         Attertion:: Obscrews the spamisstable measures from mechanical loads, e.g. by the usage of		
Status indication LED     no       Installation I Connection     Max 1       Device protection [Electrical     Device protection (EN LEC 60529)     IP67, IP66K, IP65       Additional condition protection degree     inserted, screwed       Poluture Degree     3       Rated surge valtage     1.5 kV       Material group (IEC 60684-1)     1       Idectange valtage     2.5 kV       Material group one connection     Zinc die-casting       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Coating locking     Nickeled       Material greup (IEC 60684-1)     Inserted, screwed, Shaking protection       Coating locking     Nickeled       Material greup one connection     Zinc die-casting       Coating locking     Nickeled       Material gasket     FKM       Mechanical data Mounting data     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 exocase bending forces.       Note on strain rolid     Protect the connectors by suitable measures from mochanical loads, e.g. by thu usage of cable l		4 A
Installation   Connection         M8 x 1           Device protection   Electrical         Egree of protection (EN EIC 60529)         IP67, IP66K, IP65           Additional condition protection degree         isserted, screwed         Palluton           Palluton Bagree         3         Rates surge voltage         1.5 kV           Material group (EC 6058-1)         1         Image: Streme Str	Diagnostics	
Mounting set         M8 x 1           Degree of protection [Electrical           Degree of protection (ENEC 60529)         IP67, IP66K, IP65           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1.5 kV           Material group (EC 6068-1)         1           Mechanical data         Material group (EC 6068-1)         1           Material screw connection         Zinc die casting         Coating of fitting         nickel plated           Coating of fitting         nickel plated         Coating of fitting         Nickeled           Material gaskot         FM           Mechanical data [Mounting data         Keleid         Keleid           Material gaskot         FS °C         Operating temperature min.         -25 °C           Operating temperature min.         -25 °C         Operating temperature min.         -25 °C           Operating temperature min.         -25 °C         Operating temperature min.         -25 °C           Operating temperature min.         -25 °C         Operating temperature max.         85 °C           Additional condition temperature may.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         <	Status indication LED	no
Device protection   Electrical           Degree of protection (EN IEC 60529)         IP67, IP68K, 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         Material group (IEC 60684-1)           Material group on (IEC 60684-1)         I           Mechanical data   Material data         Zinc die-casting           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Coating tocking         Nickeled           Material gasket         FKM           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.           Operating temperature min.         -25 °C           Operating temperature min.         -25 °C           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 exc	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)         I           Mechanical data I Material data         Material group (IEC 60664-1)           Material group (IEC 60664-1)         I           Mechanical data I Material data         Material group (IEC 60664-1)           Material group (IEC 60664-1)         I           Material group (IEC 60664-1)         Incide casting           Coating of thing         nicke latad           Locking material         Zinc die casting           Coating locking         Nickeled           Material grasket         FKM           Mouting method         inserted, screwed, Shaking protection           Environmental characteristics [ Climatic         Coefficients           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Im	Mounting set	M8 x 1
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)         I           Mechanical data I Material data         Material group (IEC 60664-1)           Material group (IEC 60664-1)         I           Mechanical data I Material data         Material group (IEC 60664-1)           Material group (IEC 60664-1)         I           Material group (IEC 60664-1)         Incide casting           Coating of thing         nicke latad           Locking material         Zinc die casting           Coating locking         Nickeled           Material grasket         FKM           Mouting method         inserted, screwed, Shaking protection           Environmental characteristics [ Climatic         Coefficients           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Im	Device protection   Electrical	
Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1.5 kV         Material group (EC 60664-1)       1         Mechanical data   Material data       Ince die-casting         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Coating locking       Nickeled         Material gasket       FKM         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Coating temperature max.         Additional condition temperature max.       85 °C         Operating temperature max.       85 °C         Additional condition temperature may       depending on cable quality         Important Installation notes       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.         Cable topp       3         Amount stranding       1         Stranding       1         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Cable type	•	
Pollution Degree       3         Rated surge voltage       1.5 kV         Material group (IEC 66664-1)       I         Mechanical data   Material data       Material serve connection         Zinc die-casting       Coating of fitting         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Coating locking       Nickeled         Material serve connection       KM         Mechanical data   Mounting data       Material serve         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature main.         Operating temperature main.       -25 °C         Operating temperature main.       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.         Contomity       Installation   Cable	<b>0</b> 1 ( )	
Rated surge voitage       1.5 kV         Material group (IEC 6068-1)       I         Material group (IEC 6068-1)       I         Material screw connection       Zinc die-casting         Coating of fiting       nickel plated         Locking material       Zinc die-casting         Coating of fiting       nickel plated         Locking material       Zinc die-casting         Coating of fiting       Nickeled         Material gasket       FKM         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 endinagered by vecessive bending forces.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, 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       030         Cable identification       030 <t< td=""><td></td><td></td></t<>		
Material group (IEC 60664-1)       I         Mechanical data   Material data         Material screw connection       Zinc die-casting         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Coating locking       Nickeled         Material gasket       FKM         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature max.         Operating temperature max.       85 °C         Additional condition temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Material protection class can be endangered by excessive bending fradii 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, e.g. by the usage of cable ties.         Contormity       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Cable identification       030         Cable identification       030         Cable identification       030         Cable identification       1         Stranding       Wires arrangement		
Mechanical data   Material data           Material screw connection         Zinc die-casting           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Coating tofing         Nickeled           Material gasket         FKM           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 bending radius         Attention: Observe the permissible bending radii when laying cables, 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.           Conformity         Installation   Cable           Installation   Cable         Gable identification           Cable identification         030           Cable identification         030           Cable identi		
Material screw connection         Zinc die-casting           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Coating locking         Nickeled           Material gasket         FKM           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.         -25 °C           Operating temperature min.         -25 °C         Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality         Important installation notes           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         Installation   Cable         Installation   Cable           Gable identification         030         Gable           Gable weigh         28.4 g/m           Material sweigh         28.4 g/m           Material wire insulation         PP           Amount wires         3           Outer diameter insulation         1.25 mm		
Coating of fitting       nickel plated         Locking material       Zinc die-casting         Coating locking       Nickeled         Material gasket       FKM         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         -25 °C       Operating temperature max.         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       Installation   Cable         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         Zinc die-casting           Coating locking         Nickeled           Material gasket         FKM           Mechanical data   Mounting data         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 bending radius         Attention: Observe the permissible bending fradii when laying cables, 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           Stranding         Wires           Wire arrangement         brown, black, blue           Cable weigth         2.6.4 g/m           Material wire insulation         PP           Amount wires         3           Outer diameter insulation         1.25 mm		-
Coating locking         Nickeled           Material gasket         FKM           Mechanical data   Mounting data         Mounting method           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.           -25 °C         Operating temperature max.           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         Product standard           Product standard         DIN EN 61076-2:104 (M8)           Installation   Cable         Cable Type           Cable Type         3           Amount stranding         1           Stranding         Wires           Wire arrangement         brown, black, blue           Cable type         3           Outer diameter insulation         PP           Amount wries         3		
Material gasket         FKM           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         Installation         O30         Cable identification           Gable identification         030         Cable         Gable           Grading         Wires         J         Stranding         Wires           Wire arrangement         brown, black, blue         Cable weigth         26.4 g/m           Material wire insulation         PP         Amount wires         3		
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 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         Installation   Cable           Product standard         DIN EN 61076-2-104 (M8)           Installation   Cable         Gable identification           Cable identification         030           Cable identification         030           Cable weight         1           Stranding         Wires           Wires         Meterial wire insulation           Product standard         prown, black, blue           Cable weight         26.4 g/m           Material wire insulation         PP           Am		
Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature may.         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         030           Cable identification         030         Cable identification         030           Cable Type         3         Amount stranding         1         Stranding         Wires           Wire arrangement         brown, black, blue         Cable weigh         26.4 g/m         Amount wires         3           Outer diameter insulation         PP         Amount wires         3         Contention         Contention	Material gasket	FKM
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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       030         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	Environmental characteristics   Climatic	
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       Cable identification       030         Cable identification       030       Cable         Vire arrangement       brown, black, blue       Stranding       Wires         Wire arrangement       brown, black, blue       Cable weigth       26.4 g/m         Amount wires       3       3       3       3         Outer diameter insulation       1.25 mm       5 mm       5 mm	Operating temperature min.	-25 °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       DIN EN 61076-2-104 (M8)         Installation   Cable       Cable identification       030         Cable identification       030       Cable         Vire arrangement       brown, black, blue       Stranding       Wires         Wire arrangement       brown, black, blue       Cable weigth       26.4 g/m         Amount wires       3       3       3       3         Outer diameter insulation       1.25 mm       5 mm       5 mm	Operating temperature max.	85 °C
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 standardDIN EN 61076-2-104 (M8)Installation   CableCable identification030Cable Type3Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth26.4 g/mMaterial wire insulationPPAmount wires3Outer diameter insulation1.25 mm		
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Cable weigth26.4 g/mMaterial wire insulationPPAmount wires3Outer diameter insulation1.25 mm		
Material wire insulation     PP       Amount wires     3       Outer diameter insulation     1.25 mm	-	
Amount wires     3       Outer diameter insulation     1.25 mm		-
Outer diameter insulation 1.25 mm		
Outer diameter tolerance core insulation ± 0.05 mm		
	Outer diameter tolerance core insulation	± 0.05 mm

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-08-04



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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