

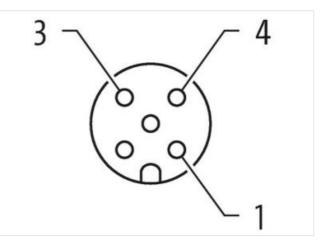
## Y-Distributor M12 male / M12 female 0° A-cod.

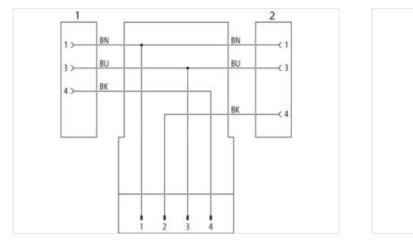
PVC 3x0.34 ye UL/CSA 1m

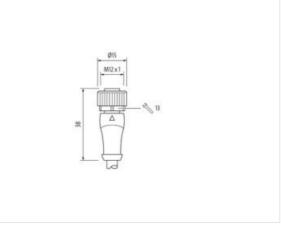
Y-connector M12 – M12, 4/3-pole Male straight – females straight Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product



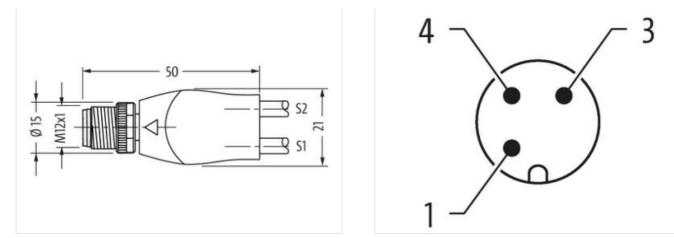






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-05





Product may differ from Image



Cable length	1 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 3	
Mounting method	inserted, screwed
Family construction form	M12
Coding	A
No. of poles	3
Commercial data	

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: 2024-05-05



ECLASS 7.022729219ECLASS 8.022729278ECLASS 8.1027060313ECLASS 10.127060313ECLASS 11.227060313ECLASS 12.027060313ECLASS 12.027070317ECLASS 12.027070317ECLASS 12.0250 VOperating voltage AG max.250 VOperating voltage AG max.250 VOperating voltage AG max.250 VOperating voltage AG max.250 VOperating voltage AG max.4ADeparating voltage AG full. Isolo30 VOperating voltage AG max.4ADeparating voltage AG full. Isolo30 VCorrard operating per context max.4ADeparating voltage AG full. Isolo30 VCorrard operating per context max.4ADeparating voltage AG full. Isolo30 VCorrard operating per context max.4ADeparating voltage AG full. Isolo30 VCorrard operating per context max.4ADeparating voltage AG full. Isolo30 VCorrard operating per context max.4ADefarating voltage AG full. Isolo30 VCorrard operatin	ECLASS-6.0	27279218
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ECA.SS:0.1         27660313           ECA.SS:2.0         27660313           ETM 5.0         ECO01855           catoms tarff momber         85444200           GTM         404879158107           Packaging unit         1           Electical star Supply         Control Startf Market           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (UL Islaed)         30 V           Chrone at Start By person and max.         4 A           Diagnostics         250 V           Concertaing voltage AC (UL Islaed)         30 V           Chrone at Start By person and max.         4 A           Diagnostics         Start Indication LD         no           Installation Connection         No         No           Maring at         M12 x 1         No           Device protection [ Biocrital         Advitant at Control (Start Indication LD         No           Maring at Start Indication LD         No         No         No           Diagnostics         Start Indication LD         No         No           Additional condition protection degree         Association of Time Control (Start Indication LD         No           Dintreal of tart Indicatin	ECLASS-8.0	27279218
ECI.ASS 11.1     27060313       ECI.ASS 12.0     27060313       ECI.ASS 12.0     ECO.DISS5       custors fairl number     85444280       GTIN     404879159107       Packaging unt     1       Ecc.Tacka Idal [Supply	ECLASS-9.0	27060311
ECLASS-12.0         27060313           ETIM-5.0         ECO01356           customs tarfil mumber         85444320           GTIN         4048573155107           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         250 V           Operating voltage OC max.         4 A           Deprotection         month           Control operating voltage OC max.         4 A           Deprotection protection degree         no           Installation I Connection         month           Maturing set         M12 x 1           Device protection   Electrical         Material group (ECE 6066-1)           Additional condition protection degree         3           Rated argung (ECE 6066-1)         I           Material group (ECE 60667)         <	ECLASS-10.1	27060313
ETM 6.0         EC001885           custom staff number         85444290           GTIN         404897351017           Packagny unit         1           Electrical data   Suppiy         Image: Comparity on Suppi RAC max.           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating por contact max.         4 A           Diagnostics         Image: Compariting Por contact max.           Extual indication LED         no           Installion   Connection         Image: Compariting Por contact max.           Device protection Electrical         Image: Compariting Por contact max.           Additional condition protection degree         inserted, screwed           Pollution bagines         3           Rated surge voltage         3.5 kV           Material grace (ICE 60664-1)         1           Material grace (ICE 60664-1)         1 <td< td=""><td>ECLASS-11.1</td><td>27060313</td></td<>	ECLASS-11.1	27060313
customs tailf number         85444290           GTN         4048873158107           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         250 V           Operating voltage DC max.         30 V           Corrent operating voltage DC (UL-listed)         30 V           Operating voltage DC max.         4 A           Diagnostics            Status indication LED         no           Installation   Connection         Mil 2 x 1           Device protection   Electrical            Additional condition protection degree         inserted, screwed           Natinal gauge voltage         2,5 kV           Material gaske         FXM           Costing locking         Nickeled           Costing locking         Nickeled           Costing locking         Nickeled           Costing locking         FXM           Material gaske         FXM           Material gaske         FXM           Costing locking         Sin cle casting	ECLASS-12.0	27060313
GTIN     4048879158107       Packaging unit     1       Electrical fall Supply     Contraling voltage AC max.     250 V       Operating voltage AC max.     250 V       Operating voltage AC (UL-listed)     30 V       Itastification LED     no       Itastification LED     no       Itastification Connection     M12 x 1       Device predection Electricat     Additional condition protection degree       Addition protection degree     3       Addition protection degree     3       Coaling tocking appendic     2.5 kV       Material graph     Nickeled       Coaling tocking anterial     Nickeled       Coaling tocking anterial     Zine di-casting       Material graph     FMM       Locking material     Zine di-casting       Material graph     Si °C       <	ETIM-5.0	EC001855
Packaging unit         1           Electical data   Supply	customs tariff number	85444290
Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage AC (UL-Sisch)         30 V           Operating voltage DC (UL-Sisch)         30 V           Current operating voltage DC (UL-Sisch)         30 V           Current operating voltage DC (UL-Sisch)         30 V           Current operating per contact max.         4 A           Deagoestic         T           Stalus indication LED         no           Installation I Connection         Max 1           Device protection [Electrical         T           Policion Degree         3           Rated surge voltage         2.5 kV           Material group (IEC 60664-1)         1           Mechanical data   Moterial data         Mickeld           Casting toxing         Nickeld           Casting toxing         Zinc die-casting           Material group (IEC 60664-1)         Zinc die-casting           Material group (IEC 60664-1)         Inselds are voltage           Zins toxing         Nickeld           Casting toxing         Nickeld           Casting difting         Inkeled Jiaco           Material group (IEC 60664-1)         Inselds are voltage soltage           Zins Uniting data         Zinc die-casting </td <td>GTIN</td> <td>4048879158107</td>	GTIN	4048879158107
Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Balan offician LED         no           Istus indication LED         no           Istus indication LED         no           Perice protection [Fectrical            Additional condition protection degree         inserted, screweid           Polition Dagree         3           Rested surge voltage         2,5 KV           Material group (EE 66664-1)         1           Mechanical data   Material data         Nickelp d           Coating locking         Nickelp d           Coating locking         Nickelp d           Coating locking         Nickelp d           Material group (EE 66664-1)         1           Mechanical data   Material data         FKM           Locking material         Since Locating (Mitting Nickelp Jated           Material group Componition         Zince de-casting           Material group Componition (Nickelp Jated         Since Locating (Mitting Jated)           Departing memperature min.         25 °C	Packaging unit	1
Operating voltage DC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics         Image: Contact max.         4 A           Diasnalization (Connection)         Image: Connection Market Markt Market Markt Market Market Market Market Market Markt Market Ma	Electrical data   Supply	
Operating voltage DC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Dispositio         Image: Contact max.           Status indication LED         no           Installation [Concetion         Image: Concetion           Mounting set         M12 x 1           Deve protection [Electrical         Additional condition protection degree           Additional condition protection degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data [Material data         Coating locking           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Inc die-casting           Material soew connection         Zinc die-casting           Material soew connection         Zinc die-casting           Material soew connection         Sine ed. soerweed, Shaking protection           Environmental characteristics [Climatic         Goperating insperature min.           Operating lemperature min.         25 °C           Operating lemperature mi	Operating voltage AC max.	250 V
Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics         Stabs indication LED           Stabs indication LED         no           Installation   Connection         M12 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         3           Rated aurge voltage         2,5 kV           Material group (IEC 66664-1)         1           Mechanical data   Material data         Coating of timing           Coating of timing         nickel plated           Material graup (IEC 66664-1)         1           Mechanical data   Material data         Zinc die-casting           Material gasket         FKM           Locking material         Zinc die-casting           Material gasket         Jonatie-casting           Mechanical data   Mouring data         Goreating on cable quality           Mounting method         inserted, screwed, Shaking protection           Dirating temperature min.         -25 °C           Oporating temperature min.         -25 °C           Oporating temperature min.         -25 °C           Oporating temperature	, , ,	250 V
Current operating per contact max.     4 A       Dispositics     status indication LED     no       Installation   Connection     Mounting set     M12 x 1       Device protection   Electrical     additional condition protection degree     inserted, screwed       Pollution Degree     3     additional condition protection degree     2.5 kV       Material group (IEC 60664-1)     1     I       Mechanical data   Material data     Coaling of fiting     nickel plated       Coaling of fiting     nickel plated     Coaling of fiting     nickel plated       Material gasket     FKM     Coaling of fiting     mickel accounting       Looking material     Zinc die-casting     Mechanical data   Mounting data       Mutring method     inserted, screwed, Shaking protection     Environmental characteristics   Climatic       Operating temperature min.     -25 °C     Operating temperature min.     -25 °C       Operatin installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on bending radius     Din EN 1076-2-101 (M12)       Installation   Cable     Environmental relief in the suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on bending radius     D		30 V
Diagnostics           Status indication LED         no           Installation I Connection         Installation I Connection           Mouning set         M12 x 1           Device protection I Electrical         inserted, screwed           Additional condition protection degree         isserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (EG 60664.1)         I           Mechanical data I Material data         I           Coating locking         Nickeled           Coating locking         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics [ Climatic         Coating ion cable quality           Mounting method         inserted, screwed, Shaking protection           Operating temperature max.         85 °C           Additional condition temperature may         depending on cable quality           Important installation notas         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tiss.	Operating voltage DC (UL-listed)	30 V
Status indication LED     no       Installation I Connection     Mult x 1       Device protection   Electrical     Mult x 1       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Mickeled       Coating locking     Nickeled       Coating locking     Sinc die-casting       Material gasket     FKM       Locking atterits     Sinc di	Current operating per contact max.	4 A
Status indication LED     no       Installation I Connection     Mult x 1       Device protection   Electrical     Mult x 1       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Mickeled       Coating locking     Nickeled       Coating locking     Sinc die-casting       Material gasket     FKM       Locking atterits     Sinc di	Diagnostics	
Installation   Connection           Mouning set         M12 x 1           Device protection   Electrical         inserted, screwed           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Internation data         Material group (IEC 60664-1)           Mechanical data   Material data         Coating of fitting           Coating of fitting         nickel plated           Material group (IEC 60664-1)         Incele plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Material condition temperature max.           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C		no
Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2.5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating of fitting         Nickeled           Coating of fitting         Nickeled         Coating of fitting         Nickeled           Coating of fitting         Nickeled         Coating of fitting         Nickeled           Material gasket         FKM         Coating of fitting         Nickeled           Cooking material         Zinc die-casting         Material gasket         FKM           Munting method         Iserted, screwed, Shaking protection         Sincerted, screwed, Shaking protection           Munting method         iserted, screwed, Shaking protection         Sincerted, screwed, Shaking protection           Environmental characteristics   Climatic         Qiperating temperature man.         25 °C           Operating temperature max.         85 °C         Additional condition temperature range         depending on cable quality           Important Installation notes         Sinceree voltage depending on cable quality         Sinceree voltage         Sinceree voltage           <		
Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating (IC 60664-1)           Coating locking         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material gasket         FKM           Locking material         Zinc die-casting           Material serve connection         Zinc die-casting           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 max.         R5 °C           Additional condition temperature max.         R5 °C           Additional condition temperature max.         R5 °C           Additional condition temperature may.         R5 °C           Additional condition temperature may.         R5 °C           Note on stra		M10 x 1
Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       Coating locking         Coating locking       Nickeled         Coating locking       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         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.         Conformity       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Nate on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Protect the connectors by suitable measures from mechanical	-	IVI 12 X 1
Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coating of fitting         Coating of fitting       Nickeled         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         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       Note on strain relief         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.         Conformity       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Material: Object-2:101 (M12)         Installation   Cable       DIN EN 61076-2:101 (M12)		
Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       I         Mechanical data [Material data       Coating locking       Nickeled         Coating locking       Nickeled       Coating locking         Material gasket       FKM       Coating locking         Locking material       Zinc die-casting       Coating locking         Material screw connection       Zinc die-casting         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       Note on strain relief         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.         Conformity       Installation [Cable Color         Product standard       D1N EN 61076-2-101 (M12)         Installation [Cable Type]       1         Jacket Color       yellow         Type of Certificate       cuRus	· -	
Material group (IEC 60664-1)       I         Mechanical data   Material data         Coating locking       Nickeled         Coating locking       Nickeled         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         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       Note on strain relief         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       DIN EN 61076-2-101 (M12)         Installation   Cable       Conformity         Product standard       DIN EN 61076-2-101 (M12)         Installection       013         Cable floating       013         Cable floating       1         Jacket Color       yellow         Type of Certificate       cURus	-	
Mechanical data   Material data           Coating locking         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mounting method           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Cooperating temperature max.           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Note on strain relief           Note on strain relief         Protect the connectors by suitable measures from 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 endangared by excessive bending forces.           Conformity         Product standard           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Cable identification           Cable identification         013           Cable Type         1		2,5 kV
Coating locking         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           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         Note on strain relief           Note on strain relief         Protect the connectors by suitable measures from 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.           Contormity         Product standard           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Cable identification           Cable identification         013           Cable Color         yellow           Type of Certificate         cURus		
Coating of fitting       nickel plated         Material gasket       FKM         Looking material       Zinc die-casting         Material screw connection       Zinc die-casting         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       Note on strain relief         Note on strain relief       Protect the connectors by suitable measures from 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 endagered by excessive bending forces.         Conformity       Product standard         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       1         Cable identification       013         Cable Type       1         Jacket Color       yellow         Type of Certificate       cURus	Mechanical data   Material data	
Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Comperating temperature min.           -25 °C         Operating temperature max.           Additional condition temperature range         depending on cable quality           Important installation notes         Mote on strain relief           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endagered by excessive bending forces.           Conformity         Product standard           DIN EN 61076-2-101 (M12)         Installation   Cable           Cable identification         013           Cable Color         yellow           Type of Certificate         cURus		
Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.       -25 °C         Operating temperature max.       85 °C       Additional condition temperature may       depending on cable quality         Important installation notes       Note on strain relief       Protect the connectors by suitable measures from 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.         Conformity       Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Cable identification       013         Cable identification       013       Cable Type         Type of Certificate       cURus       CURus		
Material screw connection       Zinc die-casting         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       Mote on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from 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.         Conformity       Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       1         Cable identification       013         Cable Type       1         Jacket Color       yellow         Type of Certificate       cURus		
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            Note on strain relief         Protect the connectors by suitable measures from 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.           Conformity            Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable            Cable identification         013           Cable Type         1           Jacket Color         yellow           Type of Certificate         cURus		-
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       Mounting method         Note on strain relief       Protect the connectors by suitable measures from 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.         Conformity       Product standard         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       013         Cable identification       013         Cable Type       1         Jacket Color       yellow         Type of Certificate       cURus	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Important installation notes         Note on strain relief       Protect the connectors by suitable measures from 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.         Conformity       Product standard         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Cable identification         Cable identification       013         Cable IType       1         Jacket Color       yellow         Type of Certificate       cURus	Mechanical data   Mounting data	
Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Important installation notes         Note on strain relief       Protect the connectors by suitable measures from 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.         Conformity       Product standard         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Cable identification         Cable Type       1         Jacket Color       yellow         Type of Certificate       cURus	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Important installation notes         Note on strain relief       Protect the connectors by suitable measures from 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.         Conformity       Product standard         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Cable identification         Cable identification       013         Cable Type       1         Jacket Color       yellow         Type of Certificate       cuRus	Environmental characteristics   Climatic	
Additional condition temperature range       depending on cable quality         Important installation notes       Important installation notes         Note on strain relief       Protect the connectors by suitable measures from 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.         Conformity       Product standard         DIN EN 61076-2-101 (M12)       Installation   Cable         Cable identification       013         Cable Type       1         Jacket Color       yellow         Type of Certificate       cURus	Operating temperature min.	-25 °C
Important installation notes         Note on strain relief       Protect the connectors by suitable measures from 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.         Conformity       Product standard         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       O13         Cable identification       013         Cable Type       1         Jacket Color       yellow         Type of Certificate       cURus	Operating temperature max.	85 °C
Note on strain relief       Protect the connectors by suitable measures from 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.         Conformity       Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Oli3         Cable identification       013         Cable Type       1         Jacket Color       yellow         Type of Certificate       cURus	Additional condition temperature range	depending on cable quality
Note on strain relief       Protect the connectors by suitable measures from 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.         Conformity       Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Oli3         Cable identification       013         Cable Type       1         Jacket Color       yellow         Type of Certificate       cURus	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.         Conformity       Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       O13         Cable identification       013         Cable Type       1         Jacket Color       yellow         Type of Certificate       cURus		Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable identification     013       Cable Type     1       Jacket Color     yellow       Type of Certificate     cURus		Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable identification     013       Cable Type     1       Jacket Color     yellow       Type of Certificate     cURus	Conformity	
Cable identification     013       Cable Type     1       Jacket Color     yellow       Type of Certificate     cURus		DIN EN 61076-2-101 (M12)
Cable identification     013       Cable Type     1       Jacket Color     yellow       Type of Certificate     cURus	Installation   Cable	
Jacket Color     yellow       Type of Certificate     cURus		013
Type of Certificate cURus	Cable Type	1
	Jacket Color	yellow
Amount stranding 1	Type of Certificate	cURus
	Amount stranding	1

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Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	34,1 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,6 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° 08
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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