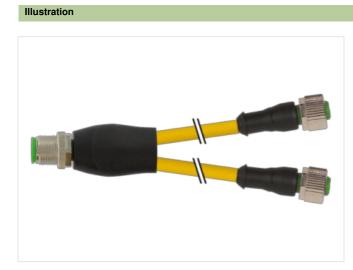


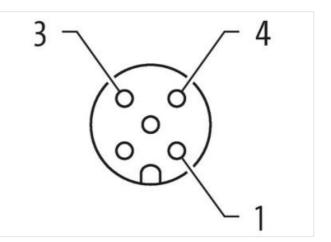
## Y-Distributor M12 male / M12 female 0° A-cod.

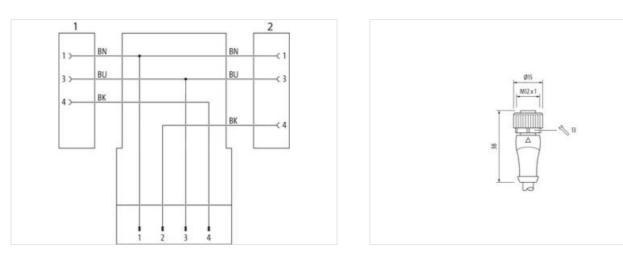
PVC 3x0.34 ye UL/CSA 0.6m

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

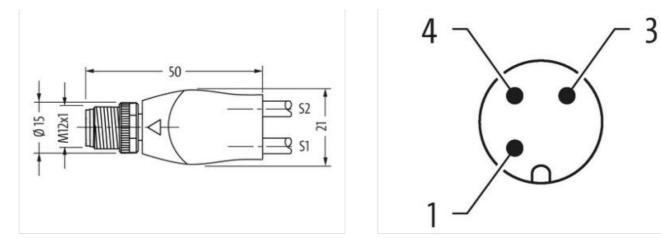






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-02





Product may differ from Image



Cable length	0,6 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: 2024-05-02



ECLASS 0.02278210ECLASS 0.02760313ECLASS 1.12760333ECLASS 1.12760313ECLASS 1.12760313ECLASS 1.22760313ETM-5.0E001856contons tarff number8544400GTN404879159114Packaging unit1Electical data [Suppi)UOperating valtage AC max.250 VOperating valtage AC max.250 VOperating valtage AC max.250 VOperating valtage AC (LL-lated)30 VDevice protector (Education)40 ABalasi and valtage valtage ac val	ECLASS-6.0	27279218
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ETM 5.0     EC001895       customs furfil number     85444290       GTIN     40487735114       Packaging unit     1       Electrical data   Supply        Questing voltage AC max.     250 V       Operating voltage AC max.     250 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics        Status indication LED     no       Instation   Connection        Device protection Electrical        Device protection Electrical        Editional condition protection degree     isarted, scrowed       Patilian local data gene voltage     25 KV       Material graps (EC 60664-1)     1       Electrical data (EC 40064-1)     1       Material graps (EC 60664-1)     1       Material graps (EC 60664-1)     1       Material screw connection     Ender Admin gene data       Casting bold <t< td=""><td>ECLASS-11.1</td><td>27060313</td></t<>	ECLASS-11.1	27060313
ausions taiff number     8544420       GTN     4048279165114       Packaging unit     1       Electrical data   Supply     250 V       Operating voltage AC max.     250 V       Operating voltage DC max.     30 V       Correct operating voltage DC (UL-listed)     30 V       Correct operating voltage DC (UL-listed)     30 V       Correct operating voltage DC (UL-listed)     30 V       Material Statistical Condition Protection Better     n       Numing set     N       Oblican Degree     3       Rated supp voltage     3       Rated supp voltage     3       Rated supp voltage     2       Material Gobien     1       Coating locking     Nickeled       Coating locking     Nickeled       Coating locking     Nickeled       Coating locking     Nickeled       Coating locking Informed Electrical     FMM       Material aske     FM	ECLASS-12.0	
OTIM4048879158114Packaging unit1Packaging unit1Electrical dals JSupplyOperating voltage AC max.250 VOperating voltage AC (UL-listed)30 VMounting setM12 x 1Device protection [ElectricalInserfed, sorowedPalluton Degree3Palluton Degree3Additional protection degree1Voltage acting voltage2.5 kVMaterial group (UE 60664-1)1Mechanical dalaInside JibliedCoating of fittingnickle JibliedLocking materialZine di- castingMaterial acrew cornectionZine di- castingMaterial acrew cornection (Elect	ETIM-5.0	EC001855
Packaging unit     1       Electrical data [ Supply       Operating voltage AC max.     250 V       Operating voltage AC max.     250 V       Operating voltage AC (U.Listed)     30 V       Operating voltage AC (U.Listed)     30 V       Operating voltage AC (U.Listed)     30 V       Current operating voltage AC (U.Listed)     30 V       Diagootice     Status indication LED       Status indication LED     no       Installation [ Concolton     Installation [ Concolton       Mounting set     M12 x 1       Device protection [ Electrical     3       Additional condition protection degree     inserted, screwed       Polution Dagree     3       Rated supprotitice Electrical     1       Material grave totage     2.5 kV       Material grave totage     2.5 kV       Material protitice Electrical     Contagreemating       Materi	customs tariff number	85444290
Electrical data   Supply       Operating voltage AC max.     250 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostic     T       Status indication LED     no       Installation I Connection     W2 1       Device protection I Electrical     T       Polition Degree     3       Rated surge voltage     2.5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Nickled       Coating of fittig     nickle J fated       Material group (IEC 60664-1)     Zinc di-casting       Material group (IEC 60664-1)     1       Mechanical data   Material data     Tickle di-casting       Coating of fittig     nickle J fated       Material gracket     FKM       Locing material gasket     Zinc di-casting       Material gasket     Jonecasting on cable gaseling on cable gaseling on cable gasering on cable gaseling on cable gastering on cable gasting on	GTIN	4048879158114
Operating voltage AC max.     250 V       Operating voltage DC max.     250 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Current operating per context max.     4 A       Diagnostics     Image: Context max.       Status indication LED     no       Installation I Connection     Molt X       Additional contition protection degree     inserted, screwed       Polition Degree     3       Additional contition protection degree     inserted, screwed       Polition Degree     3       Rated surge voltage     2,5 kV       Material group (EC 66664+1)     1       Mechanical data   Material data     Kokeld       Coating O filting     nickel plated       Material group (EC 66664+1)     1       Material group (EC 66664+1)     ni	Packaging unit	1
Operating voltage DC max.     250 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics     Status indication LED     no       Installation Connection     Maxematication LED     no       Mounting set     M12 x 1     Device protection I Electricat       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     Material group (IEC 60664-1)     I     Maxerial group (IEC 60664-1)       Coaling locking     Nickeled     Coaling locking     Nickeled     Coaling locking       Coaling locking     Nickeled     Coaling locking     Cite caasing     Material gasket     FKM       Locking material     Zinc die-caasing     Material gasket     FKM     Coaling locking     Material gasket     FKM     Coaling locking     Material gasket     Condicional data     Mounting material     Material screw connection     Material gasket     FKM     Coaling locking     Material gasket     FKM     Coaling locking <t< td=""><td>Electrical data   Supply</td><td></td></t<>	Electrical data   Supply	
Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per CutListed)     30 V       Diagnostics     Status indication LED     no       Installation I Connection     Max 1     Desception I Electrical       Additional condition protection degree     installation I Connection Gegree     3       Rated aurge voltage     2,5 kV     Material group (IEC 60664-1)       Metherial group (IEC 60664-1)     1     Image: Status indication protection degree     3       Rated aurge voltage     2,5 kV     Material group (IEC 60664-1)     1       Mechanical data   Material data     Coding of fitting     nickel plated     Mickel d       Coating of fitting     nickel plated     Material group (IEC 60664-1)     1       Mechanical data   Material data     Zinc die-casting     Material grow (IEC 60664-1)     1       Metrial grow (IEC 60664-1)     1     Image: Singe (IEC 60664-1)     1       Metrial asket     FKM     Coding of fitting     nickel plated     Material grow (IEC 60664-1)     1       Dechanger fitting     nickel plated     Image: Singe (IEC 60664-1)     1 <td>Operating voltage AC max.</td> <td>250 V</td>	Operating voltage AC max.	250 V
Operating voltage DC (UL-listed)     30 V       Current operating per ontext max.     4 A       Diagnostics        Status indication LED     no       Installation   Connection     M12 x 1       Device protection   Electrical        Additional condition protection degree     iserted, screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data        Coating locking     Nickoled       Coating of ritting     nickel pated       Material asket     FKM       Locking material     Zinc die-casting       Material asket     FKM       Locking material     Zinc die-casting       Mounting method     Iserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coating oction       Operating temperature min.     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature max. <td>Operating voltage DC max.</td> <td>250 V</td>	Operating voltage DC max.	250 V
Current operating per contact max.     4 A       Degrositics     no       Status indication LED     no       Installation   Connection     Mill x 1       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     inserted, sorewed       Pollution Degree     3       Rated surge voltage     2.5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating of titing       Coating of titing     nickel plated       Material gasket     FKM       Looking material     Zinc dio-casting       Mechanical data   Mounting data     Mice-casting       Mounting method     inserted, sorewed, Shaking protection       Environmental characteristics   Climatic     Operating temperature main.       Operating temperature main.     -25 °C       Operating temperature main.     -25 °C       Operating temperature main.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature may.     45 °C       Operating temperature max.     85 °C       Additional condition	Operating voltage AC (UL-listed)	30 V
Diagnostics       Status indication LED     no       Installation I Connection     Installation I Connection       Bouring set     M12 x 1       Device protection I Electrical     inserted, screwed       Addininal condition protection degree     isserted, screwed       Pollution Degree     3       Rated surge voltage     2.5 kV       Material group (IEC 60664-1)     1       Mechanical datal Material data     Issele Jated       Mechanical datal Material data     Texed - casting       Material gasket     FKM       Coding of fitting     risel elasting       Material gasket     Casting of de-casting       Material screw connection     Zine die-casting       Material screw connection     Zine die-casting       Mounting method     Inserted, screwed, Shaking protection       Evertional datal Mounting data     Sine Casting       Evertional condition temperature max.     85 °C       Additional condition temperature may.     65 °C       Operating temperature max.     85 °C       Addition triefel     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable liss.	Operating voltage DC (UL-listed)	30 V
Status indication LED     no       Installation I Connection     Mult x 1       Device protection Flectrical     Mult x 1       Additional condition protection degree     inserted, screwed       Folizon Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     1       Mechanical diat   Material data     Coating och fitting       Coating och fitting     Nickeled       Coating of fitting     Nickeled       Coating of fitting     Nickele acting       Material gasket     FKM       Device acting     Nickele acting       Mouting method     Inserted, screwed, Shaking protection       Operating temperature max.     45 °C       Operatin temperature max.     45 °C	Current operating per contact max.	4 A
Installation   Connection       Mounting 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       Mechanical data   Material data     Inserted, screwed       Coating of fitting     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       Eviconmental characteristics   Climatic     Noure generature main.       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition 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 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 (M	Diagnostics	
Mounting set     M12 x 1       Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     2.5 k/V       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       Locking material     Zinc die-casting     Material gasket     FKM       Mounting method     Inserted, screwed, Shaking protection     Inserted, screwed, Shaking protection       Mounting fuel for parature min.     -25 °C     Coating of fitting on cable quality     Inserted, screwed, Shaking protection       Important Installation notes     Inserted, screwed, Shaking protection     Inserted, screwed, Shaking protection       Inserted, screwed, Shaking protection     Sec     Coating methor screwed, Shaking protection       Inserted, screwed, Shaking protection     Sec     Coating casting reling on cable quality <th< td=""><td>Status indication LED</td><td>no</td></th<>	Status indication LED	no
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 locking       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 gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connectorists   Climatic     Coating on cable quality       Poperating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition 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 strain relief     DIN EN 61076-2-101 (M12)       Installa	Installation   Connection	
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 of fiting nickel plated   Material gasket FKM   Locking material Zinc die-casting   Material screw connection Zinc die-casting   Material screw connection Zinc die-casting   Material screw connection Zinc die-casting   Mounting method inserted, screwed, Shaking protection   Poreating 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 excessive bending forces.   Conformity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.   Protect standard DIN EN 61076-2-101 (M12)   Installation   Cable O13   Cable Type 1   Cable Type 1   Cable Type 1   Cable Type <td>Mounting set</td> <td>M12 x 1</td>	Mounting set	M12 x 1
Polition Degree 3   Rated surge voltage 2,5 kV   Material group (IEC 60664-1) 1   Mechanical data   Material data Image: Content of the second of the	Device protection   Electrical	
Rated surge voltage     2.5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating of litting     Nickeled       Coating of fitting     nickel plated     Material gasket     FKM       Locking material     Zinc die-casting     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 schin 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     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     DIN EN 61076-2-101 (M12)       Installation   Cable     UIN EN 61076-2-101 (M12)       Cable Type     1       Cable topic     UIN S	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)   I     Mechanical data   Material data     Coating locking   Nickeled     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   Coating temperature min.     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.     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Encolecter of 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 endangered by excessive bending forces.     Conformity   Encolecter of the connectors by suitable measures from mechanical loads, e	Pollution Degree	3
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     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Cooperating temperature min.       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Strete 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 endiangered by excessive bending forces.       Conformity     Product standard       Installation   Cable     DIN EN 61076-2-101 (M12)       Installation   Cable     11       Cable identification     013       Cable Identification     12       Colo	Rated surge voltage	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     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important Installation notes     -25 °C       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     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.       Contornity     Installation   Cable       Installation   Cable     DIN EN 61076-2-101 (M12)       Installation   Cable     Jacket Color       Ype     1       Jacket Color     Yellow       Ype <td>Material group (IEC 60664-1)</td> <td>1</td>	Material group (IEC 60664-1)	1
Coating of fitting   nickel plated     Material gasket   FKM     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting data     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 endangered by excessive bending forces.     Conformity   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     Coperating 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       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	Coating locking	Nickeled
Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature min.       Operating temperature max.     85 °C       Additional condition temperature may.     85 °C       Additional condition temperature may.     85 °C       Additional condition temperature may.     depending on cable quality       Important installation notes     Environmental for 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     Environmental cable       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	Coating of fitting	nickel plated
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   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 endangered by excessive bending forces.     Conformity   DIN EN 61076-2-101 (M12)     Installation   Cable   1     Cable identification   013     Cable Identification   013     Cable Type   1     Jacket Color   yellow     Type of Certificate   cURus	Material gasket	FKM
Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C       Operating temperature min.     -25 °C       Additional condition temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes	Locking material	Zinc die-casting
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   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   Installation   Cable     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 Type   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   Installation   Cable     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   1     Cable identification   013     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   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   Cable identification   013     Cable identification   013   1     Jacket Color   yellow   1     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   013     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   O13     Cable identification   013     Cable Type   1     Jacket Color   yellow     Type of Certificate   cURus	Additional condition temperature range	depending on cable quality
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   Image: Conformity     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   013     Cable identification   013     Cable Type   1     Jacket Color   yellow     Type of Certificate   cURus	Important installation notes	
Conformity endangered by excessive bending forces.   Product standard DIN EN 61076-2-101 (M12)   Installation   Cable 013   Cable identification 013   Cable Type 1   Jacket Color yellow   Type of Certificate cURus	Note on strain relief	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	Note on bending radius	
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	Product standard	DIN EN 61076-2-101 (M12)
Cable Type 1   Jacket Color yellow   Type of Certificate cURus	Installation   Cable	
Jacket Color yellow Type of Certificate cURus	Cable identification	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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