

## M12 male 0° / M8 female 0° A-cod.

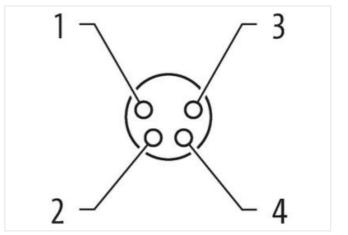
PVC 4x0.25 ye UL/CSA 0.6m

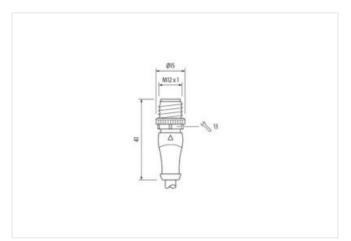
Male straight – female straight M12 – M8, 4-pole Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product



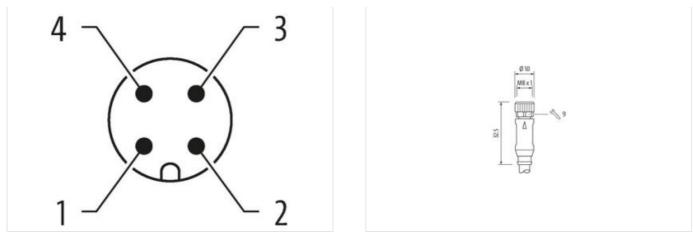












Product may differ from Image



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
Gender	male
Cable outlet	straight
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	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
Gender	female
suitable for corrugated tube (internal $\emptyset$ )	6,5 mm
Cable outlet	straight
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
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: 2024-06-26

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ECLASS 0.0     27278/19       ECLASS 0.0     27278/19       ECLASS 0.0     27278/19       ECLASS 0.0     27060311       ECLASS 10.1     27060311       ECLASS 10.2     27000311       ECLASS 10.2     27000311       ECLASS 10.2     27000311       ECLASS 10.2     27000311       ECLES 10.2     0.1       ECLES 10.		07070010
ECLASS-80     22720218       ECLASS-80     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-10.0     EC001855       Castors tart number     B544200       GTIM     4046970162645       Packaging unit     1       Ecritical and Spopit     Control tart number       Operating voltage AC max.     50 V       Operating voltage AC max.     50 V       Operating voltage AC (UL-listed)     90 V       Degree of potection (EN IEC 60528)     195, IP57, IP68(       Additional controlister     Extra voltage voltage AC (UL-listed)       Dargree of potection (EN IEC 60528)     195, IP57, IP68(       Additional controliste, screwad     Potection (EN IEC 60539)       Potection (EN IEC 60539)     1.5 V       Material group (	ECLASS-6.0	2/2/9218
ECLASS 9.0     2909031       ECLASS-10.1     27090311       ECLASS-11.1     27090311       ECLASS-12.0     27090311       ECLASS-13.0     27090311       ECLASS-14.0     ECD01955       cautoms tarff mumber     8544290       Cartin     4448079162445       Packaging unit     1       Electrical data [Supply	ECLASS-7.0	27279218
ECLASS:10.1     27000311       ECLASS:12.0     27000311       ETMA.5.0     ECON1055       outlons fairf number     8544290       GTM     4468079162645       Packagng unit     1       Effective and is Supply     Control       Operating voltage AC max     50 V       Operating voltage AC max     50 V       Operating voltage AC max     50 V       Operating voltage AC (UL-18ted)     30 V       Operating voltage AC (UL-18ted)     30 V       Operating voltage AC (UL-18ted)     30 V       Operating voltage DC max.     60 V       Depared protection (EN IEC 60528)     IPST, IPST, IPSGK       Additional contilion protection degree     instruct. servered       Patiet arge voltage     1.       Mechanical data [Material data     Coating I focking       Coating I packin     Pick Mechanical data	ECLASS-8.0	27279218
ECLASS-11.1     2786031       ECLASS-12.0     2786031       ECLASS-12.0     2786031       ECLASS-12.0     2786031       ECLASS-12.0     EC001855       castors Enfl number     8544290       OTIN     4448770162463       Packaging unit     1       Effectical data [Supply     Comparing voltage AC max.       Operating voltage AC max.     60 V       Operating voltage AC number     80 V       Operating voltage OC max.     60 V       Operating voltage OC lumited     30 V       Current operating voltage OC lumited     30 V       Operating voltage OC lumited     30 V       Current operating voltage OC lumited     165, IP67, IP66K       Additional condition (EN IEC 60524)     IP68, IP67, IP66K       Additional condition (EN IEC 60524)     IP68, IP67, IP66K       Additional condition protection digree     3       Falled Surge voltage     1,5 IV       Material group (IEC 60564-1		27060311
ECLASS-12.0     2796311       ETM-5.0     EC001856       customs tainf number     65444290       GTM     4048779162845       Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     50 V       Operating voltage AC (LL-listed)     30 V       Operating voltage AC (LL-listed)     30 V       Coperating voltage AC (LL-listed)     30 V       Device protection [Electrical     meret d, scewed       Policion Collection [Electrical     meret d, scewed       Policion Device protection regree     3       Rated argung (Ele Collect)     I       Meterial argung (Ele Collect)     I       Meterial grave (Ele Collect)     I		27060311
ETM 4.0     EC001856       calsons fariff number     85444290       GTIN     40489790 E2845       Packaging unit     1       Exercical data   Supply     Coperating voltage AC max.       Operating voltage AC max.     60 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     10 V       Degree of protection   Electrical     Exerce of protection   Electrical       Begree of protection (Electrical     Exerce of protection   Electrical       Pollution Dargee     3       Rated surge voltage     1.5.1V       Material group (EC 68664-1)     1       Material surge voltage     7.5.1V       Ma	ECLASS-11.1	27060311
cularins tariff number     85444290       GTN     40.48879162845       Parkaging unit     1       Electrical data   Supply        Operafing voltage DC max.     60 V       Operafing voltage DC max.     4 A       Diagnostics        Status indication LED     no       Device protection [Electrical        Cassing looking     Nickeled       Cassing looking     Nickeled       Cassing looking     Nickeled       David grow revection     Zine die-cassing       Material asket     Fick       Device protection lew main.     28° °C       Operafing voltage data   forunting data     Zine die-cassing	ECLASS-12.0	
GTIN 4048879162845   Pakaging unit 1   Electrical dias   Supply    Operating voltage AC max. 50 V   Operating voltage AC (LL-listed) 30 V   Operating voltage AC (LL-listed) 30 V   Operating voltage AC (LL-listed) 30 V   Current operating oper contact max. 4 A   Diagnostic    Balas indication LED no   Device protection   Electrical    Degree of protection   Electrical    Degree of protection (EN IEC 6056) IP65, IP67, IP68K   Additional constition (EN IEC 6056) IP65, IP67, IP68K   Additional grave, IEC 6056-1 I   Material grave, IEC 6056-1 I   Material constition (EN IEC 6056-1) I   Material grave, IEC 6056-1 I   Locking material Zinc discasting   Material screw connection Zinc discasting   Material screw connection Zinc discasting	ETIM-5.0	EC001855
Packaging unit     1       Electrical datal Stoppy        Operating voltage AC max.     60 V       Operating voltage AC (u.k. Istach)     30 V       Operating voltage AC (u.k. Istach)     30 V       Operating voltage AC (u.k. Istach)     30 V       Current operating per contact max.     4 A       Diagnostics        Status indication LED     no       Device protection [Electrical        Device protection fele file 0 60590)     IP65, IP67, IP66K       Additional condition protection dargere     inserted, screwed       Pollution Depree     3       Rated surge voltage     1,5 KV       Material group (IEC 60664-1)     1       Machanical datal Material data     Coating of fitting       material screw connection     Zinc die-casting       Material group (IEC 60664-1)     I       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection (EN File Connection Sinter dia screw of		
Electrical data   Supply       Operating voltage AC max.     60 V       Operating voltage AC (LL-listed)     30 V       Operating voltage AC (LL-listed)     30 V       Operating voltage AC (LL-listed)     30 V       Current operating operating per contact max.     4 A       Diagnostic     ************************************		
Operating voltage AC max.     S0 V       Operating voltage DC max.     G0 V       Operating voltage AC (LL-listed)     30 V       Operating voltage AC (LL-listed)     30 V       Current operating per contact max.     4 A       Diagnostic     Image: Contact max       Status indication LED     no       Device protection [Electrical     Image: Contact max       Additional contificition protection degree     inserted, screwed       Politation protection degree     3       Additional contificition protection degree     3       Patted surge voltage     1.5 kV       Material group (IEC 6064-1)     1       Docking material     Zinc die casting       Material group (IEC 6064-1)     I       Material group (IEC 6064-1)     Zinc die casting       Material	Packaging unit	1
Operating voltage DC max.     60 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics     status indication LED       Status indication LED     no       Device protection [Electrical     Device protection for protection degree       Diagnostic     inserted, screwed       Pollution Degree of protection degree     inserted, screwed       Pollution Degree of a     a       Rated surge voltage     1.5 kV       Material group (IEC 60664-1)     1       Mechanizati data   Meterial data     Coating locking       Coating locking     Nickeled       Coating locking     Nickeled       Coating locking     Nickeled       Locking material     Zinc die-casting       Material gastert     FKM       Locking temperature min.     -25 *C       Operating temperature max.     85 *C       Additional condition temperature max.     85 *C       Additional	Electrical data   Supply	
Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics     Status indication LED       Status indication LED     no       Device protection [Electrical     Electrical       Dagree of protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60684-1)     1       Mechanical data   Material data     Costing of fitting       Costing of fitting     nickel plated       Material group (IEC 60684-1)     1       Mechanical data   Material data     Costing of fitting       Costing of fitting     nickel plated       Material group (IEC 60684-1)     1       Mechanical data   Munting data     Costing of fitting       Material group (IEC 60684-1)     1       Mechanical data   Mounting data     Zinc die-casting       Material group concervice work of staking protection     Environmental characteristics   Climatic       Operating temperature max.     85 °C       Operating temperature max.     85 °C <td< td=""><td>Operating voltage AC max.</td><td>50 V</td></td<>	Operating voltage AC max.	50 V
Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics     no       Device protection (EDC most)     no       Device protection (EIC 60529)     IP65, IP67, IP66K       Additional contino protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating locking       Coating locking     Nickeled       Coating of fitting     nickel plated       Material group (IEC 60664-1)     I       Mechanical data   Material gaskt     FKM       Locking material     Zinc die-casting       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Evitonmental characteristics   Climatic     Operatits       Operatiting temperature min.     -25 °C       Operatiting temperature min.     -25 °C       Operatits temperature min.     -25 °C       Operatits temperature min.     -25 °C       Operatits temperature min.     -25 °C <td>Operating voltage DC max.</td> <td>60 V</td>	Operating voltage DC max.	60 V
Current operating per contact max. 4 A   Diagnostics Status indication LED   Status indication LED no   Device protection [Electrical Degree of protection (EN IEC 60529)   Polution Degree 3   Rated surge voltage 1,8 kV   Material group (IEC 60664-1) I   Mechanical data [Material data Coating of thing   Coating of thing Nickeled   Coating of thing nickel plated   Material group (IEC 60664-1) I   Mechanical data [Material data Coating of thing   Coating of thing nickel plated   Material group (IEC 60664-1) I   Mechanical data [Material data Coating of thing   Locking material Zinc die casting   Material grasket FKM   Locking material 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 range depending on cable quality   Important installation notes Note on starin citle!   Note on starin citle! Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fes.   Note on bending	Operating voltage AC (UL-listed)	30 V
Diagnostics       Status indication LED     no       Device protection [Electrical	Operating voltage DC (UL-listed)	30 V
Status indication LED     no       Degree of protection [Electrical     IP65, IP67, IP66K       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Mechanical data [Material data     Coating locking       Coating locking     Nickeled       Coating of fitting     nickel plated       Material grasket     FKM       Locking material     Zinc die-casting       Material grasket     IS N       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics [ Climatic     Coating locking and exasting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics [ Climatic     Coating locking and exasting       Mounting method     inserted, screwed, Shaking protection       Important installation notes     S °C       Operating temperature max.     85 °C       Additional condition temperature range     depending radiu when laying cables, ear the IP protection class can be endangered by excessive bending forces.       Note on bending radius     Attention: C	Current operating per contact max.	4 A
Status indication LED     no       Degree of protection [Electrical     IP65, IP67, IP66K       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Mechanical data [Material data     Coating locking       Coating locking     Nickeled       Coating of fitting     nickel plated       Material grasket     FKM       Locking material     Zinc die-casting       Material grasket     IS N       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics [ Climatic     Coating locking and exasting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics [ Climatic     Coating locking and exasting       Mounting method     inserted, screwed, Shaking protection       Important installation notes     S °C       Operating temperature max.     85 °C       Additional condition temperature range     depending radiu when laying cables, ear the IP protection class can be endangered by excessive bending forces.       Note on bending radius     Attention: C		
Device protection   Electrical       Degree of protection (EN IEC 60529)     IP65, IP67, IP66K       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 KV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating of fitting       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       Mounting method     inserted, screwed. Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     -25 °C		10
Degree of protection (EN IEC 60529)     IP65, IP67, IP66K       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1, 5kV       Material group (IEC 60684-1)     1       Mechanical data   Material data     Coating of fitting       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material gasket     FKM       Mounting material     Zinc die-casting       Material gare wonnection     Zinc die-casting       Material group 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 ardiangered 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     Atten		10
Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 6066-1)   1     Mechanical data   Material data   Coating locking     Coating locking   Nickeled     Coating of fitting   nickel plated     Material group (IEC 6066-1)   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.     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Attention: Observe the parmissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Contimity   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Nete on bending radius   Attention: Observe the parmissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Protect the connectors by sui	Device protection   Electrical	
Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Coating locking     Ocating locking   Nickeled     Coating locking   Nickeled     Coating locking   Nickeled     Locking material   Zinc die-casting     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 main.     Operating 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 bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Contomity   Installation (Cable     wrie arrangement   brown, black, blue, white     Cable identification   011     Cable identification		IP65, IP67, IP66K
Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Coating of Ming     Nickeled   Coating of Ming     Material gasket   FKM     Locking material   Zinc dis-casting     Mechanical data   Mounting data   Material screw connection     Material screw connection   Zinc dis-casting     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 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   Installation   Cable     wrise arrangement   brown, black, blue, white     Gable identification   011     Gable identification   011     Gable identification   011     Gable identification   upleow	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)   I     Mechanical data   Material data     Coating looking   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     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 ending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be endingered by excessive bending forces.     Conformity   Product standard     Product standard   DIN EN 61076-2-104 (M8)     Installation   Cable   uive arrangement     wire arrangement   brown, black, blue, white     Cable identification   011     Cable identification   011     Cable identification   011     Cable identification	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       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       -25 °C     Operating temperature max.       Abs 5 °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 ending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Contomity       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8)       Installation   Cable     write arrangement     brown, black, blue, white       Cable Type     1     Jackekt Color     yellow		1,5 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     Incertext discrew connection       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 strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Attention: Observe the permissible bending radi when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       Installation   Cable     brown, black, blue, white       Cable Type     1       Jacket Color     yellow       Type of Certificate     cURus       Arrount stranding     1	Material group (IEC 60664-1)	I
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     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   Inserted 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), DIN EN 61076-2-104 (M8)     Installation   Cable   wire arrangement     wire arrangement   brown, black, blue, white     Cable Type   1     Jacket Color   yellow     Type of Certificate   cuRus     Amount stranding   1	Mechanical data   Material data	
Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data	Coating locking	Nickeled
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     Coperating 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.       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), DIN EN 61076-2-104 (M8)       Installation   Cable     write arrangement       write arrangement     brown, black, blue, white       Cable Type     1       Jacket Color     yellow       Type of Certificate     cURus       Amount stranding     1	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   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), DIN EN 61076-2-104 (M8)     Installation   Cable   write arrangement     wire arrangement   brown, black, blue, white     Cable Type   1     Jacket Color   yellow     Type of Certificate   cURus     Amount stranding   1	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 mage     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 61076-2-104 (M8)       Installation   Cable     wire arrangement       brown, black, blue, white     Cable identification       Cable identification     011       Cable Type     1       Jacket Color     yellow       Type of Certificate     cURus       Amount stranding     1	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   Product standard     Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8)     Installation   Cable   wire arrangement     wire arrangement   brown, black, blue, white     Cable identification   011     Cable Type   1     Jacket Color   yellow     Type of Certificate   cURus     Amount stranding   1	Material screw connection	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   Product standard     Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8)     Installation   Cable   wire arrangement     wire arrangement   brown, black, blue, white     Cable identification   011     Cable Type   1     Jacket Color   yellow     Type of Certificate   cURus     Amount stranding   1	Mechanical data   Mounting data	
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   Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8)     Installation   Cable     wire arrangement   brown, black, blue, white     Cable identification   011     Cable Type   1     Jacket Color   yellow     Type of Certificate   cURus     Amount stranding   1	·	inserted screwed Shaking protection
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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: 2024-06-26

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wire arrangement	brown, black, blue, white
Cable weigth	34,76 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)	4,8 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	4
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)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 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	3,6 A
Electrical resistance line constant wire	79 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° C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° C
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
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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