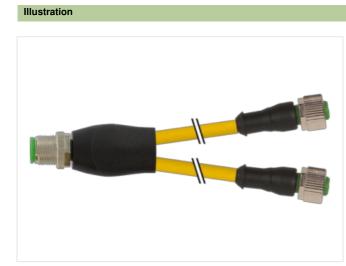


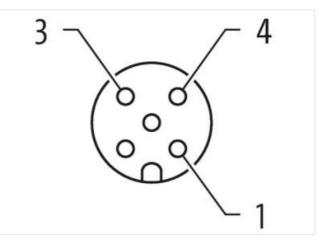
## Y-Distributor M12 male / M12 female 0° A-cod.

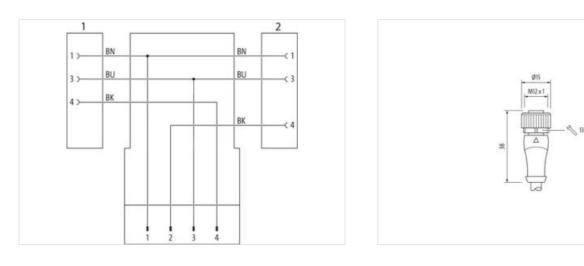
PVC 3x0.34 ye UL/CSA 3m

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

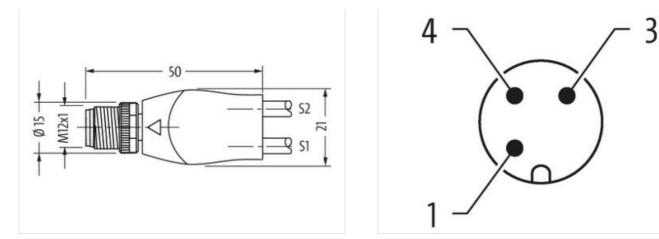






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-12 Murrelektronik by | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be





Product may differ from Image



Cable length	3 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: 2024-05-12

Murrelektronik bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be | shop.murrelektronik.be



ECLASS 7.0 27278218   ECLASS 8.0 27797818   ECLASS 8.0 27080313   ECLASS 8.10.1 27080313   ECLASS 8.12.0 27090313   EVENTS 5.0 5600455   Caustoms tariff number 8544290   GIN 48487358077   Packaging unt 1   Eventing voltage AC max. 250 V   Operating voltage AC flux. Iteletity 30 V   Operating voltage AC flux. Iteletity 30 V   Operating voltage AC flux. Iteletity 30 V   Balast indication ED no   Instanti indication ED no   Pactastity indication AC 30 V   Operating voltage AC flux. Iteletity 30 V   Datastity indication AC 30 V   Control topeatity per contatif nast, streast, streast 30 V   Control topeatity per contatif nast, streast, streast 30 V   Datast indication ED no   Read streas contat	ECLASS-6.0	27279218
ECA.SS 8.0     2728219       ECA.SS 8.0     2706031       ECA.SS 8.0     2706031       ECA.SS 8.1.1     27060313       ECA.SS 8.1.1     27060313       ECA.SS 8.1.1     27060313       ECA.SS 8.1.1     27060313       ETM.5.0     ECO01855       Operating voltage AC     8644290       GTM     404873158077       Packaging unit     1       Electrical data (Supply)     Electrical data (Supply)       Operating voltage AC max.     280 V       Operating voltage AC max.     280 V       Operating voltage AC (UL listed)     30 V       Current operating voltage AC (UL listed)     30 V       Operating voltage AC (UL listed)     30 V       Current operating voltage AC (UL listed)     30 V       Current operating voltage Co (UL listed)     30 V       Electrical data (Supply)     Not       Batta Indication LED     no       Batta Vargo voltage Co (UL listed)     30 V       Carrent operating voltage Co (UL listed)     30 V       Carrent operating voltage Co (UL listed)     30 V       Batta I and o	ECLASS-7.0	27279218
ECLASS 9.0     2990311       ECLASS 10.1     27060313       ECLASS 11.1     27060313       ECLASS 12.0     ECO101855       opations stuff under     8424290       GTIM     404879158077       Packaging und     1       Electrical catal [Supply     Operating voltage AC max.       Operating voltage AC max.     260 V       Operating voltage AC CUL listed)     30 V       Device protection [Electrical     Max 1       Additional conflition protection degree     instantod.       Pational Degree     3       Rated surge voltage     2.5 kV       Maxteni arong (Ele 66664-1)     1		
ECLASS 10.1     2700013       ECLASS 12.0     2700013       ECLASS 12.0     2700013       ETM 5.0     EC001855       catastra tarf mumber     8444200       GTM     40487318077       Packaging unit     1       Electrical atts [Supply     Control tarf mumber       Operating voltage AC max.     250 V       Operating voltage AC max.     4 A       Diagnostics     Control togetTarg voltage PC (UL tasked)       State infloction [Concrition]     80 V       Mainting one condition protection degree     inserted screwed       Mainting operating voltage Condex 1     M12 x 1       Device protection [Electrical     3       Additional condition protection degree     inserted screwed       Material group (Coorder)     1       Mechanical data [Material datae     Condition protection degree       Casker (dotting material datae     Modered       Conterg (dotting Condex) <td></td> <td></td>		
ECLASP 12.0 27060319   ETMA-S.0 ECO01855   exatoms tarff number 85444200   GTN 4048573155077   Packarging unit 1   Electrical data   Supply    Operating voltage DC max. 250 V   Operating voltage DC max. 260 V   Operating voltage DC max. 4 A   Dajorestice 5   Status indication LED no   Installation I Connection 1   Mounting set M12 x 1   Device protection   Electrical 3   Additional condition protection degree 3   Rated auge voltage 2.5 k/V   Material goale (EC 60564-1) 1   Material goale (EC 6		
ECLASS-12.0 206019   ETM-5.0 EC001835   austoms tarfi number 8544280   GTIN 4048879158077   Paskaging unit 1   Electrical data   Supply    Operating voltage DC max. 250 V   Content operating voltage DC max. 4 A   Dagnetics    Status indication LED no   Maxining set M12 x 1   Device protection   Electrical   Additional contific protection degree 3   Ratid status indication LED inserted, screwed   Pollution Degree 3   Ratid screw voltage 2.5 kV   Material data   Material data Cashing on titticg   Coating on titticg nickei plated   Material gasket FOM   Coating on titticg nickei plated   Material gasket FOM   Lochan gasket FOM   Cooperating temperature max. 28 °C   Operating temperature max.	ECLASS-11.1	27060313
autions tariff number     85444200       GTN     404873759077       Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     250 V       Operating voltage DC max.     4 A       Diagnostics        Status indication ICD     no       Installation   Connection        Mouring set     M12 x 1       Device protection   Electrical        Additional concilion protection degree     inserted, scrowed       Pollution Degree     3       Rated supe voltage     2,5 kV       Material group (EG 80684-1)     1       Mechanical data   Material data     ////////////////////////////////////		
GTN 4048879159077   Packaging unit 1   Electrical fals   Supply    Operating voltage AC max. 250 V   Operating voltage AC (UL-listed) 30 V   Operating voltage AC (UL-listed) 70 V   Deprotector Installistical Connecton   Installistical Connecton Max 1   Device protector I Electrical V   Additional condition protection degree inserted, screwed   Pollution Degree 3   Conting conting Nickeled   Conting of Itting nickel plated   Material greep (EC GOBE-1) 1   Material greep womedion Zine die-casting   Material screw connection Zine die-casting <td>ETIM-5.0</td> <td>EC001855</td>	ETIM-5.0	EC001855
Packaging unit     1       Electrical data   Suppy	customs tariff number	85444290
Electrical data   Supply       Operating voltage AC max.     250 V       Operating voltage AC (LL-listed)     30 V       Operating voltage AC (LL-listed)     30 V       Operating voltage AC (LL-listed)     30 V       Current operating por contact max.     4 A       Diagnostic     Image: Contact max.       Status indication LED     no       Installation I Connection     Image: Contact max.       Device protection [Electrical     Image: Contact max.       Additional condition protection degree     inserted. screwed       Pollution Dagree     3       Rated surge voltage     2.5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Mokeled       Coating of fitting     nickeled plated       Material group (IEC 60664-1)     Ince die-casting       Material group (IEC 606664-	GTIN	4048879158077
Operating voltage AC max.     250 V       Operating voltage DC max.     250 V       Operating voltage AC (UL-listed)     30 V       Current operating per context max.     4 A       Diagnostics     no       Stuts indication LED     no       Installation I Connection     Monting set       Monting set     M12 x 1       Device protection I Electrical     Additional contifion protection degree       Additional contifion protection degree     1       Polluton Degree     3       Bated surge voltage     2.5 kV       Material group (EC 60664-1)     1       Mechanical data   Meterial data     Kekeld       Coating O Killing     nickeled accounting       Coating O Killing     nickeled accounting       Material group (EC 60664-1)     Zin cdie casting       Material group (EC 60664-1)     I       Material group (EC 60664-1)     I       Material group (EC 60664-1)     I       Material group (	Packaging unit	1
Operating voltage DC max.     260 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Dispositics     Status indication LED     no       Installation [Connection     Mounting set     M12 x 1       Developmentation protection degree     instrated     Status indication protection degree       Additional condition protection degree     3     Status indication protection degree       Rated surge voltage     2.5 kV     Material group (IEC 60864-1)       Material group (IEC 60864-1)     1     Mechanical data [Material data       Coating locking     Nickeled     Coating locking       Coating locking     Nickeled     Coating locking       Material gasket     FYGM     Code-casting       Mechanical data   Mounting data     Tor die-casting       Material screw connection     Zinc die-casting       Material gasket     FYGM       Locking method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Sincerted, screwed, Shaking protection       Environmental characteristics   Climatic     Sincerted, screwed, Shaking protection       Environ	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       Installation   Connection     M12 x 1       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     3       Rated surge voltage     2,5 kV       Material group (EG 66664-1)     1       Mechanical data   Material data     Coating of fitting       Coating of fitting     nickele plated       Material group (EG 66664-1)     1       Mechanical data   Material data     Coating of fitting       Coating of fitting     nickele plated       Material quarket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Metherial characteristics [ Climatic     Operating temperature min.       Operating temperature min.     -25 °C       Operating insplatemature man.     85 °C       Additional condition temperature max.     85 °C       Addit	Operating voltage AC max.	250 V
Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics     no       Installation LDD     no       Installation I Connection     Multing set       Mounting set     M12 x 1       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     2.5 kV       Material gaston     FKM       Coating locking     Nickaled       Coating of fitting     nickel plated       Material gaston     FKM       Locking material     Zinc die-casting       Material screw connection     Zin die-casting       Muterial screw connection     Zin c die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     -25 °C       Operating temperature min.     -25 °C       Operating temperature min.     -25 °C       Operating temperature min.     -25 °C  <	Operating voltage DC max.	250 V
Current operating per contact max.   4 A     Diagnostics     Status indication LED   no     Installation   Connection   Installation   Connection     Mounting set   M12 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   Coaling of fiting     Coaling of fiting   nickel plated     Material group (IEC 60664-1)   I     Mechanical data   Material data   Coaling of fiting     Coaling of fiting   nickel plated     Material group (IEC 60664-1)   Zinc die-casting     Material group connection   Zinc die-casting     Material group connection   Zinc die-casting     Material group connection   Zinc die-casting     Mechanical data   Mounting data   Inserted, sorewed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.   -25 °C     Operatin temperature main.   45 °C   Operatin temperature main.   45 °C	Operating voltage AC (UL-listed)	30 V
Diagnostics       Status indication LED     no       Installation I Connection     Installation I Connection       Mounting set     M12 x 1       Device protection I Electrical     Inserted, screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     I       Mechanical data I 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       Methial data I Mounting data     Inserted, screwed, Shaking protection       Portaling temperature max.     85 °C       Additional condition temperature may     69 ereding on cable quality       Important Installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable iss.       Nate on sharin relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable iss.       Nate on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be and argingred by excessive bending force	Operating voltage DC (UL-listed)	30 V
Status indication LED no   Installation   Connection   Mounting set M12 x 1   Device protection   Electrical   Additional condition protection of egree inserted, screwed   Pollution Degree 3   Rated surge voltage 2,5 kV   Material group (IEC 60664-1) 1   Mechanical data   Material data   Coating locking Nickeled   Coating locking Zinc die-casting   Material screw connection Zinc die-casting   Methanical data   Mounting data Jinc die-casting   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   Inpart installation notes Diverscrewet on scientis by su	Current operating per contact max.	4 A
Status indication LED no   Installation   Connection   Mounting set M12 x 1   Device protection   Electrical   Additional condition protection of egree inserted, screwed   Pollution Degree 3   Rated surge voltage 2,5 kV   Material group (IEC 60664-1) 1   Mechanical data   Material data   Coating locking Nickeled   Coating locking Zinc die-casting   Material screw connection Zinc die-casting   Methanical data   Mounting data Jinc die-casting   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   Inpart installation notes Diverscrewet on scientis by su	Diagnostics	
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     Coating of fitting       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     Immethod       Operating temperature min.     -25 °C       Operating temperature mas.     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 strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief		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       Locking material     Zinc die-casting     Material gasket     FKM       Locking material     Zinc die-casting     Material gasket     FKM       Mounting method     Inserted, screwed, Shaking protection     Material gasket     FKM       Mounting method     Inserted, screwed, Shaking protection     Material gasket     Sick of C       Furiornental characteristics   Climatic     Important installation notes     Material coating on cable quality       Mounting method     Inserted, screwed, Shaking protection     Important installation notes       Note on banding radius     A5 °C     Operating temperature max.     85 °C       Note on banding radius		-
Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pallution Degree     3       Rated surge voltage     2.5 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 method     Zinc die-casting       Methanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coating on cable quality       Operating temperature main.     -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.       Nate on bending radius     DIN EN 61076-2-101 (M12)		M12 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   Coating locking   Nickeled     Coating of fitting   nickel plated   Material gasket     Material gasket   FKM   Locking material     Locking material   Zinc die-casting   Material gasket     Mechanical data   Mounting data   inserted, screwed, Shaking protection   Environmental characteristics   Climatic     Operating temperature main.   -25 °C   Operating temperature max.   85 °C     Additional condition temperature may.   85 °C   Additional condition temperature may.   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 endargered by excessive bending forces.     Conformity   Product standard   DIN EN 61076-2-101 (M12)     Installation (Color   yellow   To 24000000000000000000000000000000000000		
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   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.     A85 °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 endargered 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   Cable Type     Cable Type   1		inserted, screwed
Rated surge voltage   2.5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Coating of fitting     Nickeled   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     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature min.     -25 °C   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 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 Type)     Product standard   DIN EN 61076-2-101 (M12)     Installation [Cable   UIN EN 61076-2-101 (M12)     Installation [Cable Type]   1     Jacket Color   yellow     Type of Certificate <td< td=""><td></td><td></td></td<>		
Material group (IEC 60664-1)   I     Mechanical data   Material data   Coating locking   Nickeled     Coating locking   Nickele 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 max.     Operating temperature max.   85 °C     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 fies.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies.     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   013     Cable right   1     Jacket Color   yellow     Type of Certificate   cuPus		
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 max.       A5 °C     Operating temperature max.       A5 °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.       Contornity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable identification       Cable identification     013       Cable Color     yellow		
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.     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   Product standard     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   1     Cable identification   013     Cable Color   yellow     Type of Certificate   cURus		
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.     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   Product standard     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   1     Cable identification   013     Cable Color   yellow     Type of Certificate   cURus	Coating locking	Nickeled
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     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 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 Color       Type of Certificate     cURus     cuPus		nickel plated
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   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)     Installation   Cable   Cable identification     Cable identification   013     Cable Color   yellow     Type of Certificate   cURus		
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   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 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		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   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 Color   yellow     Type of Certificate   cURus		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   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)     Installation   Cable   Cable identification     Cable identification   013     Cable Color   yellow     Type of Certificate   cUIRus	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     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   Cable identification     Cable Type   1     Jacket Color   yellow     Type of Certificate   cURus		inserted, screwed. Shaking protection
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 IType   1     Jacket Color   yellow     Type of Certificate   cURus	-	
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		
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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   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
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	-	
Product standardDIN EN 61076-2-101 (M12)Installation   CableCable identification013Cable Type1Jacket ColoryellowType of CertificatecURus	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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