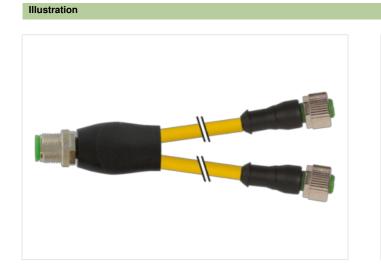


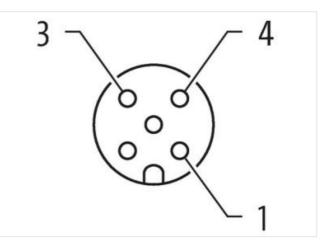
## Y-Distributor M12 male / M12 female 0° A-cod.

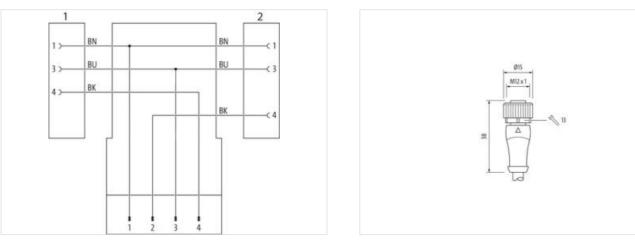
PVC 3x0.34 ye UL/CSA 1m

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

## Link to Product

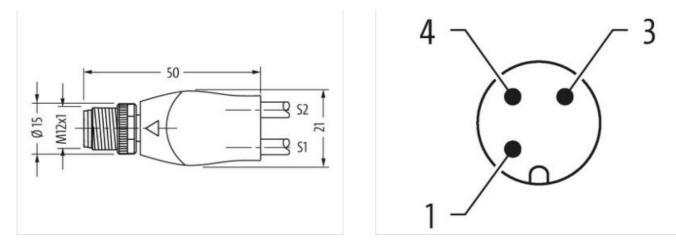






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-19





Product may differ from Image



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

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-19



ECLASS 7.02229219ECLASS 8.02279217.8ECLASS 8.1027000313ECLASS 8.1027000313ECLASS 8.1027000313ECLASS 8.12.027000313ECLASS 8.12.02500Operating voltage AC max.250 VOperating voltage AC max.250 VOperating voltage AC max.250 VOperating voltage AC max.250 VENDERIS voltage OLIL-LEARD30 VOperating voltage AC max.4.0Depensity voltage OLIL-LEARD30 VOperating voltage AC max.4.0Depensity voltage OLIL-LEARD30 VEvaluation ECLEND30 VEvaluation ECLEND30 VDepensity voltage AC max.4.0Depensity voltage AC max.5.0	ECLASS-6.0	27279218
ECA.SS 9.02000313ECA.SS 9.1.127000313ECA.SS 9.1.227000313ECA.SS 9.1.127000313ECA.SS 9.1.127000313ECA.SS 9.1.127000313ECA.SS 9.1.127000313ECA.SS 9.1.127000313ECA.SS 9.1.1404079158107Packaging unt1Encricational Exaption250 VOperating voltage DG max.250 VCorrection IEdectricalmaxMatterial gastoge voltage3Pathelis DI ConnectionMil 2 1Device protection IEdectricalMil 2 1Addistang conditor protection degree3Pathelis Di Connection1Voltage Degree3Pathelis Surgery Voltage3Coaling OrdingNickelodCoaling OrdingNickelodCoaling OrdingNickelodCoaling OrdingNickelodCoaling OrdingTric die caalingMechanication Exercises Coal	ECLASS-7.0	27279218
ECLASS-101     27000313       ECLASS-12.0     27000313       ETM 5.0     EC001055       Decisors tarfit mumber     8544200       OTN     404879158107       Packaging unit     1       Ectrical atta Supply     Ectrical atta Supply       Operating voltage AC max.     250 V       Operating voltage CC (UL-laske)     30 V       Correction max.     4 A       Diagnostics     Extra Indication LED       Stata Indication LED     n       Installation Connection     Mil 2 1       Device protection I electrical     Extra Indication LED       Additoral condition protocion degree     3       Maring and     Mil 2 1       Device protection I electrical     Extra Indication LED       Additoral condition protocion degree     3       Rated auge voltage Dode-1)     I       Material grave (Dige Dode)     1       Material Indication Electrical     Extovonestal Indication Electrical	ECLASS-8.0	27279218
ECLASS-101     27000313       ECLASS-12.0     27000313       ETM 5.0     EC001055       Decisors tarfit mumber     8544200       OTN     404879158107       Packaging unit     1       Ectrical atta Supply     Ectrical atta Supply       Operating voltage AC max.     250 V       Operating voltage CC (UL-laske)     30 V       Correction max.     4 A       Diagnostics     Extra Indication LED       Stata Indication LED     n       Installation Connection     Mil 2 1       Device protection I electrical     Extra Indication LED       Additoral condition protocion degree     3       Maring and     Mil 2 1       Device protection I electrical     Extra Indication LED       Additoral condition protocion degree     3       Rated auge voltage Dode-1)     I       Material grave (Dige Dode)     1       Material Indication Electrical     Extovonestal Indication Electrical	ECLASS-9.0	27060311
ECLASS 12.0     27060313       ETM 5.0     EC001856       customs taff mumber     8544280       GTIN     4048779159107       Peskaging um     1       Electrical data [Supply     Contrast       Coparating voltage AC max.     250 V       Operating voltage AC (UL-lested)     30 V       Coparating voltage AC (UL-lested)     30 V       Operating voltage AC (UL-lested)     30 V       Correct operating voltage AC (UL-lested)     30 V       Device protection IElectrical     Mounting set       Additional contition protection degree     neared, sorewed       Polution Degree     3       Rated auge voltage     2,5 kV       Moterial data [Material data     Koded       Coating otking     Nickeld       Coating otking     Nickeld       Coating otking	ECLASS-10.1	27060313
ETM 6.0     EC001855       customs tarff number     8544280       GTIN     4048279 5107       Packaging unit     1       Electrical data   Supply	ECLASS-11.1	27060313
customs tarlf number8544420GTIN4048279156107Packaging unill1Electrical clas   SupplyOperating voltage AC max.250 VOperating voltage DC max.250 VOperating voltage DC max.30 VOperating voltage DC max.30 VOperating voltage DC (UL listed)30 VMathema DC (UL listed)10Distomation (Commontor)Installation (Commontor)Installation (Commontor)Installation (Commontor)Mouring setM12 x 1Device protection   ElectricalInstallation (Commontor)Device protection   ElectricalInstallation (Commontor)Matchal group (EC 60664-1)1Matchal group (EC 60664-1)1Dechance (ET Matchal (ET ET E	ECLASS-12.0	
G1N 4048879159107   Packaping unit 1   Packaping unit 1   Operating voltage AC max. 250 V   Operating voltage AC max. 250 V   Operating voltage AC (Lulisted) 30 V   Operating voltage AC (Lulisted) 30 V   Current operating par contact max. 4 A   Diagnostic V   Status indication LED no   Installation (Connection V   Device protection [Electrical V   Additional condition protection degree inserted, serewed   Polution Degree 3   Rated surge voltage 2,8 kV   Material group (EC 60664-1) 1	ETIM-5.0	EC001855
Packaging unit     1       Electrical data [ Supply     250 V       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       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics     Total (Contact and Contact and Contand Contact and Contac	customs tariff number	85444290
Electrical data   Supply       Operating voltage AC max.     250 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per context max.     4 A       Deprating voltage DC (UL-listed)     30 V       Current operating per context max.     4 A       Deprating voltage DC (UL-listed)     30 V       Current operating per context max.     4 A       Deprating voltage DC (UL-listed)     no       Installion I Connection     mo       Installion I Connection     Move model       Device protection I Electrical     No X 1       Device protection I Electrical     No X 1       Device protection I Electrical     S × No       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (EC 60664-1)     1       Material group (EC 60664-1) <td>GTIN</td> <td>4048879158107</td>	GTIN	4048879158107
Operating voltage AC max.     250 V       Operating voltage DC max.     250 V       Operating voltage AC (UL-listed)     30 V       Stuts indication LED     no       Installation I Connection     No       Additional condition protection degree     insertide, screwed       Policion Degree     3       Rated surge voltage     2,5 KV       Marrial group (IEC 60664-1)     1       Netherial data I Material data     Screwed       Cauling of Lifting     nickel plated       Matrial group (IEC 60664-1)     1       Material group (IEC 60664-1)     1	Packaging unit	1
Operating voltage AC max.     250 V       Operating voltage DC max.     250 V       Operating voltage AC (UL-listed)     30 V       Stuts indication LED     no       Installation I Connection     No       Additional condition protection degree     insertide, screwed       Policion Degree     3       Rated surge voltage     2,5 KV       Marrial group (IEC 60664-1)     1       Netherial data I Material data     Screwed       Cauling of Lifting     nickel plated       Matrial group (IEC 60664-1)     1       Material group (IEC 60664-1)     1	Electrical data   Supply	
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     Mounting set     M12 x 1       Device protection   Electrical     Addition protection degree     inserted, screwed       Pollution Degree     3     Rated aurge voltage     2,5 kV       Material group (EC 60684-1)     1     Mechanical data   Material data       Coating locing     Nickeled     Coating locing     Coating locing       Coating locing     Nickeled     Coating locing     Coating locing     Coating locing       Material gasket     FKM     Exce voltage     Zinc die-casting     Coating locing     Coating locing loci	Operating voltage AC max.	250 V
Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Circrent operating per contact max.     4 A       Diagnostics     Status indication LED     no       Installation   Connection     Mt2 x 1     Device protection   Electrical       Additional condition protection degree     inserted, screwed     Pollution Degree     3       Reted Surge voltage     2,5 KV     Meterial group (IEC 60664-1)     I       Mechanical data   Material data     Coating of fitting     nickel plated     Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating locking     Nickeled     Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating of fitting     nickel plated     Material group (IEC 60664-1)     I       Material group (IEC 60664-1)     I     Nickeled     Material gaskot     FKM     Material gaskot     Imaterial gaskot     Imaterial gaskot     Imaterial gaskot     Imaterial gaskot     Imaterial group (IEC 60664-1)     Imaterial group (IEC 60064-1)     Imateria g		250 V
Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics     no       Installation I Connection     no       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 group (EC 60664-1)     1       Mechanical data   Material data     Coating of fitting       Material gaset     FM       Locking material     Zinc die-casting       Material agaset     FM       Locking material     Zinc die-casting       Munting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature max.       QB °C     Coating on cable quality       Contornity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Coating of thitg       Cable identification     013       Cable identification     013		30 V
Diagnostics       Status indication LED     no       Installation   Connection     Installation   Connection       Mouting set     M12 x 1       Device protection   Electrical     Inserted, screwed       Pollution Degree     3       Rated surge voltage     2.5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Insellation   Connection       Coating locking     Nickeled       Coating of fitting     nickel pated       Material gasket     FKM       Locking methind     Zinc die- casting       Material gasket     FKM       Locking methind     isserted, screwed, Shaking protection       Portening method     isserted, screwed, Shaking protection       Derating temperature max     85 °C       Operating temperature max     85 °C       Operating temperature max     85 °C       Conting     UNEN BIOFE-2101 (M12)       Installation (Coble     UNEN BIOFE-2101 (M12)       Device Standard     DIN EN BIOFE-2101 (M12)       Disallation (Coble     URus       Colice Locking     URus <t< td=""><td></td><td>30 V</td></t<>		30 V
Status indication LED no   Installation I Connection   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 80864-1) 1   International data   Material data Material data   Coating locking Nickeled   Coating locking Nickele plated   Material gasket FKM   Locking method Inserted, screwed, Shaking protection   Environmential characteristics   Climatic   Operating temperature min. -25 °C   Operating temperature min. -25 °C   Operating temperature man. 85 °C   Additional condition temperature man. 85 °C   Additional condition temperature man. 85 °C   Additional Coale Operating temperature man.   Descrete Coale   Collect U   Descrete U   Coale Coale   Descrete Coale   Distallation [ Cable	Current operating per contact max.	4 A
Status indication LED no   Installation I Connection   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 80864-1) 1   International data   Material data Material data   Coating locking Nickeled   Coating locking Nickele plated   Material gasket FKM   Locking method Inserted, screwed, Shaking protection   Environmential characteristics   Climatic   Operating temperature min. -25 °C   Operating temperature min. -25 °C   Operating temperature man. 85 °C   Additional condition temperature man. 85 °C   Additional condition temperature man. 85 °C   Additional Coale Operating temperature man.   Descrete Coale   Collect U   Descrete U   Coale Coale   Descrete Coale   Distallation [ Cable	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     Nickeled       Coating of fitting     Nickeled     Coating of fitting     Nickeled       Material gasket     FKM     Coating of fitting     Nickeled       Mounting material     Zinc die-casting     Material gasket     FKM       Mounting method     inserted, screwed, Shaking protection     Emvironmetial Anacteristics   Climatic       Environmetial characteristics   Climatic     Commity     Product standard     B5 °C       Operating temperature max.     85 °C     Coating on cable quality     Coating on cable quality <td></td> <td>no</td>		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       Material gaskat     FKM     Coating of fitting     Nickeled       Locking material     Zinc die-casting     Material gaskat     FKM       Material gaskat     FKM     Coating of material     Zinc die-casting       Material screw connection     Zinc die-casting     Material     Zinc die-casting       Material gaskat     FKM     Coating protection     Environmetal     Zinc die-casting       Material gaskating material     Zinc die-casting     Zinc die-casting     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection     Zinc die-casting     Zinc die-casting       Porteristing temperature min.     -25 °C     Zinc die-casting     Zinc die-casting     Zinc die-casting		
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     Zino die-casting       Material gasket     Siro die-casting       Material fuel data   Mounting data     Jino die-casting       Material fuel data   Mounting data		M12 × 1
Additional condition protection degree inserted, screwed   Pallution Degree 3   Rated surge voltage 2,5 kV   Material group (IEC 60664-1) 1   Wechanical data   Material data Coating locking Nickeled   Coating locking Nickel ed   Coating of fitting nickel plated   Material gasket FKM   Locking material Zinc die-casting   Mechanical data   Mounting data Inserted, screwed, Shaking protection   Environmental characteristics   Climatic Coating tomperature min.   Operating temperature min. -25 °C   Operating temperature max. 85 °C   Additional condition temperature range depending on cable quality   Conformity Environmental   Product standard DIN EN 61076-2-101 (M12)   Installation   Cable Cable Type   I zaket Color yellow   Type of Certificate cuRus   Anound stranding 1   Stranding 3 wires twisted   Wire arangement brown, black, blue   Cable weigth 34,1 g/m		NIIZ X I
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     Material screw connection   Zinc 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 max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   Cable Type     Cable Type   1     Jacket Color   yellow     Type of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue		
Rated surge voltage     2.5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating locking     Nickeled       Coating locking     Nickeled     Coating locking     Nickeled       Coating locking     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     Material classifies       Conformity     Product standard     DIN EN 61076-2-101 (M12)     Installation   Cable       Cable identification     013     Cable identification     Cable identification     Cable identification     Cable identification     Cable identification     Cable identification     Cill identification     Cable identification     Cable identification     Cable identification     Cill identification     Cill identification     Cill identification     Cill identification     Cill identification <td></td> <td></td>		
Material group (IEC 60664-1)   I     Mechanical data   Material data   Coating locking   Nickeled     Coating locking   Nickeled   Coating locking     Material gasket   FKM   FKM     Locking material   Zinc die-casting   Material screw connection     Material screw connection   Zinc die-casting   Material screw connection     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     Conformity   Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   Cable identification   013     Cable identification   013   Cable identification     Cable Color   yellow   Type of Certificate   cURus     Type of Certificate   cURus   Amount stranding   1     Stranding   3 wires twisted   wire arrangement   Sinder Kus		
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     Incerted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Comparing temperature min.       -25 °C     Operating temperature max.       Additional condition temperature range     depending on cable quality       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       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Coale weigth     34,1 g/m		
Coating locking     Nickeled       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Metanical data   Mounting data     Inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       -25 °C     Operating temperature max.       A5 °C     Additional condition temperature range       depending on cable quality     Conformity       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable identification       Cable identification     013       Cable Color     yellow       Type Of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weigth     34,1 g/m		
Coating of fitting   nickel plated     Material gasket   FKM     Looking 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     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     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Cable weigth   34,1 g/m		
Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature range     depending on cable quality       Conformity     Product standard     DIN EN 61076-2-101 (M12)     Installation   Cable       Cable identification     013     Cable Identification     013       Cable Color     yellow     Type of Certificate     cURus       Amount stranding     1     Stranding     3 wires twisted       wire arrangement     brown, black, blue     Cable weigth     34,1 g/m		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   Operating temperature min.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   Cable identification     Cable identification   013     Caket Color   yellow     Type of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Cable weigth   34,1 g/m		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     Conformity   IN EN 61076-2-101 (M12)     Installation   Cable   UN EN 61076-2-101 (M12)     Cable identification   013     Cable Type   1     Jacket Color   yellow     Type of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue		
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       Conformity     Installation   Cable     DIN EN 61076-2-101 (M12)       Installation   Cable     013     Cable identification       Cable identification     013     Question       Jacket Color     yellow     Yellow       Type of Certificate     cURus     Amount stranding       Amount stranding     1     Stranding     Stranding       Stranding     3 wires twisted     wire arrangement     brown, black, blue	-	
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     Conformity   Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   Cable identification   013     Cable identification   013   Cable VPP     Jacket Color   yellow   Ype of Certificate     Type of Certificate   cURus   Amount stranding     Amount stranding   1   Stranding   3 wires twisted     wire arrangement   brown, black, blue   Cable weigth   34,1 g/m	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     Conformity   Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   013     Cable identification   013     Cable Identification   013     Cable Color   yellow     Type of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Cable weigth   34,1 g/m	Mechanical data   Mounting data	
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12)Installation   CableCable identification013Cable IType1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/m	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12)Installation   CableCable identification013Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/m	Environmental characteristics   Climatic	
Additional condition temperature range   depending on cable quality     Conformity     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable     Cable identification   013     Cable Type   1     Jacket Color   yellow     Type of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Cable weigth   34,1 g/m	Operating temperature min.	-25 ℃
ConformityProduct standardDIN EN 61076-2-101 (M12)Installation   CableCable identification013Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/m	Operating temperature max.	85 °C
Product standardDIN EN 61076-2-101 (M12)Installation   CableCable identification013Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/m	Additional condition temperature range	depending on cable quality
Installation   CableCable identification013Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/m	Conformity	
Cable identification013Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/m	Product standard	DIN EN 61076-2-101 (M12)
Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/m	Installation   Cable	
Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/m	Cable identification	013
Type of Certificate cURus   Amount stranding 1   Stranding 3 wires twisted   wire arrangement brown, black, blue   Cable weigth 34,1 g/m	Cable Type	1
Amount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/m	Jacket Color	yellow
Stranding 3 wires twisted   wire arrangement brown, black, blue   Cable weigth 34,1 g/m	Type of Certificate	cURus
wire arrangement brown, black, blue   Cable weigth 34,1 g/m	Amount stranding	1
Cable weigth 34,1 g/m	Stranding	3 wires twisted
	wire arrangement	brown, black, blue
Material jacket PVC	Cable weigth	34,1 g/m
	Material jacket	PVC

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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
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
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	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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