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

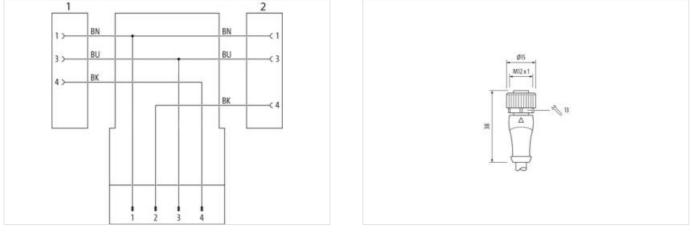
PUR 3x0.34 bk UL/CSA+drag ch. 0.3m

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

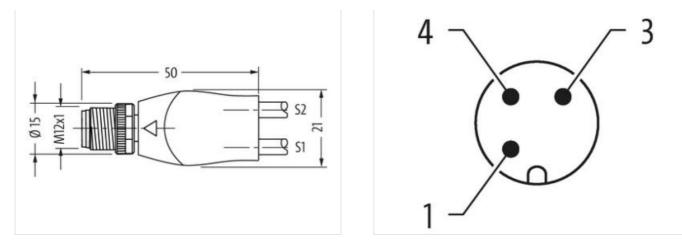
Illustration





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: 2024-05-21 Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk





Product may differ from Image



Cable length	0,3 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	

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Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk



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ECA.858 0.0     2278292 0       EGA.858 0.0     27060313       EGA.858 0.1     27060313       ECA.858 1.1.1     27060313       ECA.858 1.1.1     27060313       ETM 5.0     E0001855       outoms taiff mumber     8544290       GTM     404879157438       Packaging unt     1       Electrical dias [Supply     Constitution of the state of t		27270210
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ECA.SS 10.1     27000013       ECA.SS 12.0     27000013       ETM.S.0     ECO01855       ocatoms Inff mumber     8544290       GTIN     404879157438       Packaging unit     1       Ectrical atal Supply     Control       Operating voltage AC max     250 V       Operating voltage AC max     4 A       Diagnostics     0       Status indication LED     no       Installation (Connection     Mill x 1       Divice operating voltage AC (BA: edg)     3 V       Additional condition protection degree     insertad, screwed       Pulluion Ougree     3       Rated supp (Cite Gobe-11)     1       Machanica dota I Material dota     Condition protection degree       Casting toxing     nickled       Casting toxing     nickled		
ECLASS 12.0     27000313       ECLASS 12.0     27000313       ECLASS 12.0     27000313       ECLASS 12.0     27000313       ECLASS 12.0     ECON1655       customs tarff number     8544230       GTIN     404877157438       Paokaging unit     1       Electrical cata   Suppi     Coperating voltage AC max.       Operating voltage AC max.     250 V       Operating voltage AC ILL-Isted     30 V       Current operating voltage AC (LL-Isted)     30 V       Operating voltage AC (LL-Isted)     30 V       Current operating voltage AC (LL-Isted)     30 V       Current operating voltage AC (LL-Isted)     30 V       Current operating voltage AC (LL-Isted)     30 V       Diagnostic     Status indication LED       Installion (Connection     M2 x 1       Device protection   Electrical     M2 x 1       Additional condition protection degree     inserted, screwed       Pollution Dagree     3       Casting of Stating     nickel al alad       Material groep wortage     3       Rated surge wortage     Picod  <		
ECLASS 12.0     27060313       ETM-5.0     ECC01385       cataoms tarfit mumber     65444200       GTIN     4048573157438       Packarging unit     1       Electrical data   Supply		
ETM-6.0     EC001855       cutoms tarff number     8544220       GTIN     40480757438       Packagny unt     1       Electrical data   Supply     Comparing voltage AC max.       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Current operating voltage AC (UL-listed)     30 V       Current operating por contact max.     4 A       Diagnostics     Current operating por contact max.       Status indication LED     no       Installation   Connection     Moving set       Mouting set     M12 x 1       Device protection Electrical     Electrical data   Matchial data       Coating locing protection degree     isended. screwed       Palution Degree     3       Rated surge voltage     2,5 kV       Material group (EC 60064+1)     1       Material group (EC 60064+1)     1 <td></td> <td></td>		
customs tariff number     85444290       GTN     4048879157438       Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     250 V       Operating voltage DC max.     4 A       Diagnostics        Status indication LED     no       Installation   Connection        Mounting set     M12 x 1       Device protection   Electrical        Additional protection degree     inserted, screwed       Pollution Dagree     2,5 NV       Material grash     Neckeled       Conting looking     Nickeled       Conting looking		
GTN 4048879157438   Packaging unit 1   Electrical Cals   Supply C   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 voltage AC (LL-listed) 30 V   Operating voltage AC (LL-listed) 30 V   Current operating per contact max. 4 A   Delagoostic T   Status indication LED no   Installation   Connection Mil 2x 1   Device protection   Electrical Mil 2x 1   Device protection legree inserted, screwed   Pollution Degree 3   Pollution protection degree inserted, screwed   Pollution Degree 3   Casting tothing Nickeled   Casting tothing Nickeled   Casting tothing Nickeled   Casting tothing Nickel dial   Uerdwing matorial Zinc die casting   Material gaste KPM   Leddring remited Inserted, screwed, Shaking protection   Porating tothegeta Si °C   Coperating remited Si °C   Coperating remited Protect the connectors by sultable measures from mechani		
Packaging unit     1       Electrical data   Supply		
Electrical data   Supply     Coperating voltage AC max.     250 V       Operating voltage AC (IL-listed)     30 V     Coperating voltage AC (IL-listed)     30 V       Operating voltage DC (IL-listed)     30 V     Corrent operating per contact max.     4 A       Diagnostic     Unit operating voltage DC (IL-listed)     30 V     Corrent operating per contact max.     4 A       Diagnostic     Unit operating voltage DC (IL-listed)     no     Institution Contact max.     4 A       Device protection IEECtrical     Mounting set     M12 1     Device protection IEEctrical     Institution Contact max.     2 Stot       Additional condition protection degree     inserted, screwed     Pollution Degree     3       Patiend propu (IEC 60064-1)     1     Inserted, screwed     Pollution Degree     3       Rated surge voltage     2, Stot     Material group (IEC 60064-1)     Inserted, screwed     Pollution Degree     3       Rated surge voltage     2, Stot     Material group (IEC 60064-1)     Inserted, screwed     Pollution Degree     3       Coating of King     nickled dat     Mouting atak     FKM     Incher sating      Material grasket     FKM		
Operating voltage AC max.     250 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics     mo       Status indication LED     no       Installation I (Connection     mo       Monting set     M12 x 1       Device protection I Electrical     modifier and set and se		
Operating voltage DC max.     250 V       Operating voltage AC (UL listed)     30 V       Current operating per contact max.     4 A       Diagnostics     Status indication LED       Status indication LED     no       Installation Connection     Maximum       Additional condition protection degree     inserted, screwed       Polution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60064-1)     1       Mechanical dia [ Material data     Coating locking       Coating locking     Nickeled       Coating locking     Nickeled       Coating locking     Zinc dio-casting       Material gasket     FKM       Locking material     Zinc dio-casting       Material screw connection     Zinc dio-casting       Material screw connection     Sine Sine Sing       Material tark ing imperature min.     -25 'G       Operating temperature max.     65 'G       Operating temperature max. <td></td> <td></td>		
Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics     Image: Contact max.       Status indication LED     no       Installation [Connection     Image: Contact max.       Additional condition protection degree     inserted, screwed       Polution Degree     3       Rated surge voltage     2,5 kV       Material group (EC 50684-1)     1       Mechanical data   Material data     Coating (ES 06964-1)       Coating of titting     nickel plated       Material group (ES 06964-1)     1       Mechanical data   Material data     Cro. die-casting       Material gasket     FKM       Locking material     Zinc die-casting       Material gasket     Jone die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Mechanical data   Surgerature max.     85 °C       Additional condition tomperature max.     85 °C       Additional condition tomperature may.     85 °C       Additional condition notes     Autention: Observe the permissible bending radi when laying cables		
Operating voltage DC (UL-listed)     30 V       Current operating per context max.     4 A       Diagnostics     Installation (DD)       Status indication LED     no       Installation (Connection     Installation (Connection (Electrical)       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]     Cocking context for the participation (Electrical)       Addenial condition protection degree     3       Rated surge voltage     2,5 kV       Material gasting woltage     1       Mechanical data [ Material data     Cocking on the plated       Material gasting     PKM       Locking material     Zinc die-casting       Material server connection     Zin c die-casting       Mounting method     Inserted, screwed, Shaking protection       Environmental characteristics [ Climatic     Cocementor       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temporature range     depending on cable qua		
Current operating per contact max.   4 A     Dispositics     Status indication LED   no     Installation   Connection   Mounting 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 group (IEC 60664-1)   1     Mechanical data   Material data   Coating of filing     Coating of filing   nickel plated     Material grave (IEC 60664-1)   1     Mechanical data   Material data   Coating of filing     Coating of filing   nickel plated     Material grave connection   Zinc die-casting     Material grave connection   Zinc die-casting     Mechanical data   Mounting data   Coating of filing     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Coating of filing     Operating temperature min.   -25 °C     Operating temperature min.   -25 °C     Operating temperature min.   -25 °C     Operatin installa		
Diagnostics     Status indication LED   no     Insiallation I Connection   Insiallation I Connection     Mounting set   M12 x 1     Device protection   Electrical   Inserted, screwed     Pollution Degree   3     Rated surge voltage   2,5 kV     Material group (EC 60664-1)   I     Mechanical data   Material data   I     Coating locking   Nickelad     Coating locking   Nickelad     Coating of filling   nickel plated     Material gasket   FKM     Locking matrial   Zinc die-casting     Material screw connection   Zinc die-casting     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Cooling on cable quality     Coperating 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 less.     Note on starin relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable less.     Note on bending radius   Din Environmental charas, e.g. by the usage		
Status indication LED no   Installation I Connection Mounting set M12 x 1   Device protection   Electrical Electrical   Additional condition protection degree inserted, screwed   Pollution Degree 3   Rates surge voltage 2,5 kV   Material group (IEC 60664-1) I   Mechanical data   Material data Coating locking   Coating locking Nickeled   Mouting method inserted, screwed, Shaking protection		4 A
Installation   Connection       Mounting set     M12 x 1       Device protection   Electrical     Inserted, screwed       Addition protection degree     inserted, screwed       Poliution 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 group (IEC 60664-1)     I       Mechanical data   Material data     Coating of fitting       Coating of fitting     nickel plated       Material group (UEC 60664-1)     I       Material group (UEC 60664-1)     Inserted, screwed, Shaking protection       Mounting method     Inserted, screwed, Shaking protection       Environmental characteristics   Climatio     Important Installation netegro	Diagnostics	
Mounting set     M12 x 1       Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollucion Degree     3       Rated surge voltage     2.5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating of fitting     nickel plated       Coating of fitting     nickel plated     Coating of fitting     nickel plated       Material gasket     FKM     Coating of fitting     nickel plated       Material gasket     FKM     Coating of fitting     nickel plated       Mounting method     inserted, screwed, Shaking protection     Material gasket     FMM       Locking material     Zinc die-casting     Material gasket     FMM       Locking material     Zinc die-casting     Material screw connection     Zinc die-casting       Material screw connection     Inserted, screwed, Shaking protection     Material gasket     Environmetal characteristics   Climatic       Operating temperature main.     25 °C     Coating temperature max.     85 °C       Additional condition temperature range     depending on cable quality     Material gasket     Protect th	Status indication LED	no
Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating of fitting       Coating of fitting     nickel plated       Material grasket     FKM       Coating of fitting     nickel plated       Material grasket     FKM       Coating naterial     Zinc die-casting       Material grasket     FKM       Locking material     Zinc die-casting       Mechanical data   Mounting data     Incerted, screwed, Shaking protection       Environmental characteristics   Climatic     Coating temperature max.       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature max.     Ref °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 parmissible bending radii when laying cables, as the IP protection class can be eridangared by excessive bending forces.       Conformity	Installation   Connection	
Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Metrial data   Coating locking   Nickeled     Coating of fitting   nickel plated   Material gasket     Coating of fitting   nickel plated   Material gasket     Material gasket   FKM   Coating of material   Zinc die-casting     Material serve connection   Zinc die-casting   Material serve connection   Zinc die-casting     Mechanical data   Mounting data   mounting method   inserted, screwed, Shaking protection   Environmental characteristics   Climatic     Operating temperature main.   -25 °C   Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality   Material 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   Costerve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending tradii when laying cables, as the IP protection class can be endangered by excessive bending tradii when laying cables, as the IP protection class can be endangered by exce	Mounting set	M12 x 1
Pollution Degree 3   Rated surge voltage 2.5 kV   Material group (IEC 60664-1) 1   Mechanical data   Material data Coating of fitting   Coating of fitting nickel plated   Material gasket FKM   Locking material Zinc die-casting   Material screw connection Zinc die-casting   Material screw connection Zinc die-casting   Material screw connection Zinc die-casting   Mounting method inserted, screwed, Shaking protection   Poperating temperature min. -25 °C   Operating temperature max. 85 °C   Additional condition temperature max. 85 °C   Additional condition temperature max. 85 °C   Additional condition temperature max. 85 °C   Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.   Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.   Contornity 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 Protect the connectors	Device protection   Electrical	
Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Coating of Itting     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   Coating of inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Coating on cable quality     Important installation notes   85 °C     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Installation (Cable     Product standard   DIN EN 61076-2-101 (M12)     Installation [Cable   633     Cable Identification   633     Cable Identification <td< td=""><td>Additional condition protection degree</td><td>inserted, screwed</td></td<>	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)   I     Mechanical data   Material data   Coating locking   Nickeled     Coating locking   Nickeled   Coating locking     Material gasket   FKM   Coating locking     Material gasket   FKM   Coating locking     Material screw connection   Zinc die-casting   Coating locking     Mechanical data   Mounting data   Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Coating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   wire arrangement   brown, black, blue     Cable identification   633   Cable identification     Cable identification   633   Cable identification     Cable identifi	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     Cool       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Statematic: 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     brown, black, blue       Cable identification     633       Cable identification     633       Cable identification     633       Cable Color     black	Rated surge voltage	2,5 kV
Coating locking   Nickeled     Coating of fitting   nickel plated     Material gasket   FKM     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature max.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Note on strain relief     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   wrive arrangement     wrive arrangement   brown, black, blue     Cable Identification   633     Cable IColor   Jacket Color	Material group (IEC 60664-1)	
Coating of fitting   nickel plated     Material gasket   FKM     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting 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 endargered by excessive bending forces.     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   wire arrangement     wire arrangement   brown, black, blue     Cable identification   633     Cable Type   3     Jacket Color   black	Mechanical data   Material data	
Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Comportant installation and the screwed, Shaking protection       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Material 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     wrie arrangement       wrie arrangement     brown, black, blue       Cable identification     633       Cable Type     3       Jacket Color     black	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   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   wire arrangement     wire arrangement   brown, black, blue     Cable identification   633     Cable Color   black	Coating of fitting	nickel plated
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 max.   85 °C     Additional condition temperature range   depending on cable quality   Important installation notes     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   wire arrangement   brown, black, blue     Cable identification   633   Cable Type     3   Jacket Color   black	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 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   wire arrangement     wire arrangement   brown, black, blue     Cable identification   633     Cable Type   3     Jacket Color   black	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   depending on cable quality     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   brown, black, blue     Cable identification   633     Cable identification   633     Cable Type   3     Jacket Color   black	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   depending on cable quality     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   brown, black, blue     Cable identification   633     Cable identification   633     Cable Type   3     Jacket Color   black	Mechanical data   Mounting data	
Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Important installation notes     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   wire arrangement     wire arrangement   brown, black, blue     Cable identification   633     Cable Type   3     Jacket Color   black		inserted, screwed, Shaking protection
Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Important installation notes     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   wire arrangement     wire arrangement   brown, black, blue     Cable identification   633     Cable Type   3     Jacket Color   black	Environmental characteristics   Climatic	
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   wire arrangement     wire arrangement   brown, black, blue     Cable identification   633     Cable Type   3     Jacket Color   black	Operating temperature min.	-25 °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   wire arrangement     wire arrangement   brown, black, blue     Cable identification   633     Cable Type   3     Jacket Color   black		
Important installation notes     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Product standard     DIN EN 61076-2-101 (M12)     Installation   Cable     wire arrangement   brown, black, blue     Cable identification   633     Cable Type   3     Jacket Color   black		
Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityInstallation   CableProduct standardDIN EN 61076-2-101 (M12)Installation   Cablebrown, black, blueCable identification633Cable Type3Jacket Colorblack		
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   vire arrangement   brown, black, blue     Cable identification   633   3     Cable Type   3   3     Jacket Color   black   1		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   wire arrangement brown, black, blue   Cable identification 633   Cable Type 3   Jacket Color black		Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Product standardDIN EN 61076-2-101 (M12)Installation   Cablewire arrangementbrown, black, blueCable identification633Cable Type3Jacket Colorblack		
Installation   Cable     wire arrangement   brown, black, blue     Cable identification   633     Cable Type   3     Jacket Color   black		
wire arrangement brown, black, blue   Cable identification 633   Cable Type 3   Jacket Color black	Product standard	DIN EN 61076-2-101 (M12)
Cable identification 633   Cable Type 3   Jacket Color black	Installation   Cable	
Cable Type 3   Jacket Color black	wire arrangement	brown, black, blue
Jacket Color black	Cable identification	633
		3
Type of Certificate cURus		black
	Type of Certificate	cURus

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Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	29,7 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,1 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
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
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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