

## Y-Distributor M12 male / M12 female 90° A-cod.

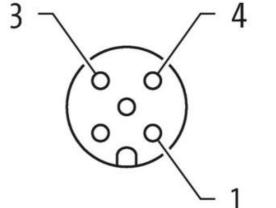
PVC 3x0.34 bk UL/CSA 0.3m

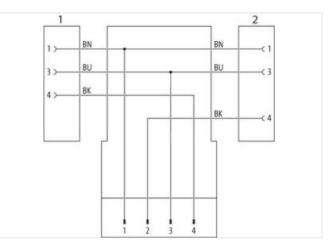
Y-connector M12 – M12, 4/3-pole Male straight – females 90° A-coded Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

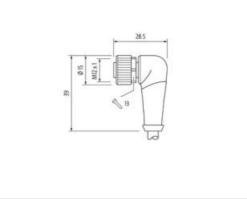
## Link to Product





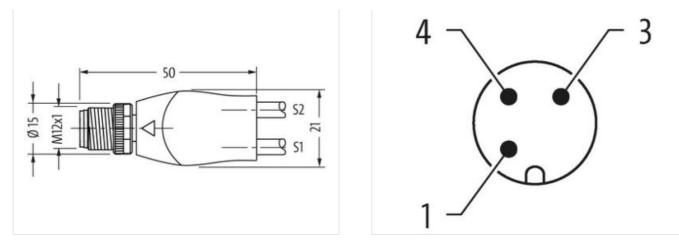






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19





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	

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: 2024-05-19



ECLASS 0.02278216ECLASS 0.02060311ECLASS 1.0.12766333ECLASS 1.1.127060313ECLASS 1.2.027050313ETM-5.0ECO01856contorn staff number85444200GTN444879150316Packaging unit1Electical data [Supphy]Operating voltage AC max.250 VOperating voltage AC max.250 VOperating voltage AC max.250 VOperating voltage AC max.250 VOperating voltage AC fUL-listed)30 VOperating voltage AC fUL-listed)30 VControl control group control trans.4 ADiagosticStatus indication LEDnoInstallistical Connection4 ADiagosticBacker protection (ElectricalAdditional conficto protection operation voltage AC fUL-listed)Backer protection (ElectricalAdditional conficto interfection (ElectricalBacker protection (ElectricalAdditional conficto interfection (ElectricalBacker protection (ElectricalBacker protection (ElectricalCating doftingNackeldCating doftingNackeldCating doftingNackeldCating doftingNackeldCating doftingNackeldCating dofting matrixiProtection instant kernelProtection instant kernelProtection instant kernelProtection instant kernelProtection instant kernel <t< th=""><th>ECLASS-6.0</th><th>27279218</th></t<>	ECLASS-6.0	27279218
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ECLASS 11.1   27660313     ECLASS 12.0   27060313     ECLASS 12.0   ECO01855     ECMASD   ECO01855     customs failf number   85444290     GTIN   446873150318     Packaging unt   1     Electrical data [Supply	ECLASS-9.0	
ECLASS 12.0       27060319         ETIM-5.0       ECO01855         Contrasts traff mumber       8544200         GTIN       40488739155318         Peckaging unit       1         Electrical data   Supply          Operating voltage AC max.       250 V         Operating voltage OC max.       4 A         Diagnostics          Status Indication LED       no         Installation [Connection          Mouting set       M12 x 1         Device protection   Electrical          Additional condition protection degree       inserted, screwed         Polution Degree       3         Rated suge voltage       2,5 kV         Material good (Co Gobes-1)       I         Material good (Co Gobes-1)       I         Material gasket       FKM         Costing Conting       inserted, screwed, Shaking protection         Material gasket       FKM         Costin	ECLASS-10.1	
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Electrical data   Supply         Operating voltage AC max.       250 V         Operating voltage AC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Current operating per contact max.       4 A         Diagnostic       Testalization IC         Instalization IC       mo         Instalization IC       Testalization IC         Device protection IE       Testalization IC         Additional condition protection degree       a         Additional condition protection degree       a         Polistic Diagnostic       a         Additional condition protection degree       a         Conting of tifting       inclederal         Conting of tifting       nickled         Conting of tifting       nickled ad         Conting of tifting       nickled ad         Material gasket	GTIN	4048879156318
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Operating voltage DC max.       250 V         Operating voltage DC (UL Islaed)       30 V         Current operating per contact max.       4 A         Diagnostics       Status indication LED       no         Installation Connection       Maxematication LED       No         Additional condition protection degree       inserted, screwed       Pollution Degree       3         Rated surge voltage       2,5 kV       Material group (IEC 6064-1)       1         Mechanical data [Material data       Coding locking       Material group (IEC 6064-1)       1         Mechanical data [Material data       Coding locking       Nokeled       Coding locking       Material group (IEC 6064-1)       1         Mechanical data [Material data       Coding locking       Nickeled       Coding locking       Material group (IEC 6064-1)       1         Mechanical data [Material data       Coding locking [IEC 6064-1]       1       Mechanical data [Material data       Coding locking       Nickeled       Coding locking [IEC 6064-1]       1       Mechanical data [Material data       Coding locking [IEC 6064-1]       IEC 6064-1] <td>Operating voltage AC max.</td> <td>250 V</td>	Operating voltage AC max.	250 V
Operating voltage AC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Current operating per Contact max.       4 A         Diagnostics       Installation ICD         Status indication LED       no         Installation I Connection       Installation I Connection I Electrical         Additional condition protection degree       installation I Connection I Electrical         Additional condition protection degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coating on Rickel plated         Coating looking       Nickeled         Coating looking       Nickeled         Coating anterial       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       25 °C         Operating temperature min.       25 °C         Operatin installation notes		250 V
Current operating per contact max.   4 A     Degrostics   no     Status indication LED   no     Installation   Connection   Mounting set   M12 x 1     Device protection   Electrical   Additional condition protection degree   inserted, sorewed     Pollution Degree   3   Readed surge voltage   2,5 kV     Material group (IEC 60664-1)   1   Inserted, sorewed     Coating of fitting   nickel plated   Coating of fitting     Material group (IEC 60664-1)   1   Inserted, sorewed     Coating of fitting   nickel plated   Coating of fitting     Material gasket   FKM   Inserted, sorewed, Shaking protection     Material gasket   FKM   Inserted, sorewed, Shaking protection     Mechanical data   Mounting data   Inserted, sorewed, Shaking protection     Mounting material   Zinc die-casting     Mechanical data   Mounting data   Inserted, sorewed, Shaking protection     Mounting method   inserted, sorewed, Shaking protection     Environmental characteristics   Climatic   Operating temperature max.     Operating temperature max.   85 °C     Additional condition temperature may.   45 °C     Operating temperature max.   85 °C     Additional condition temperature may.   depending on cable quality  <	Operating voltage AC (UL-listed)	30 V
Diagnostics         Status indication LED       no         Installation I Connection       Installation I Connection         Bouting set       M12 x 1         Device protection I 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       Keled         Coating locking       Nickeled         Coating of fitting       nickel pated         Material gasket       FKM         Locking and tarial 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       Sind Coating on cable quality         Departing temperature max.       85 °C         Additional condition temperature may       62s °C         Operating temperature max.       85 °C         Additional condition temperature may       85 °C <tr< td=""><td>Operating voltage DC (UL-listed)</td><td>30 V</td></tr<>	Operating voltage DC (UL-listed)	30 V
Status indication LED   no     Installation I Connection   Mult x 1     Device protection I Electrical   Mult x 1     Additional condition protection degree   inserted, screwed     Polution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Koleeld     Coating of fitting   nickel plated     Material gasket   FKM     Locking method   Zinc die-casting     Material screw connection   Zinc die-casting     Methanical data   Mounting data   Kostede     Coperating temperature mix.   85 °C     Operating temperature max.   85 °C     Additional condition temperature may.   85 °C     Additional condition temperature may.   85 °C     Note on stain relief   Protect the porticion by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on stain relief   Protect the porticion by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on stain relief   Din Creace-stain berling forces.     Conformity   Enderdition Cobserve the permissible berling radii when laying cables, as the IP protection class can be ending forces.     Cable identification   G13     Cable identification   G14     Laberdenerity </td <td>Current operating per contact max.</td> <td>4 A</td>	Current operating per contact max.	4 A
Status indication LED   no     Installation I Connection   Mult x 1     Device protection I Electrical   Mult x 1     Additional condition protection degree   inserted, screwed     Polution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Koleeld     Coating of fitting   nickel plated     Material gasket   FKM     Locking method   Zinc die-casting     Material screw connection   Zinc die-casting     Methanical data   Mounting data   Kostede     Coperating temperature mix.   85 °C     Operating temperature max.   85 °C     Additional condition temperature may.   85 °C     Additional condition temperature may.   85 °C     Note on stain relief   Protect the porticion by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on stain relief   Protect the porticion by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on stain relief   Din Creace-stain berling forces.     Conformity   Enderdition Cobserve the permissible berling radii when laying cables, as the IP protection class can be ending forces.     Cable identification   G13     Cable identification   G14     Laberdenerity </td <td>Diagnostics</td> <td></td>	Diagnostics	
Mounting set       M12 x 1         Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       2.5 k/V         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coating of fitting       Nickeled         Coating of fitting       Nickeled       Coating of fitting       Nickeled         Coating of fitting       Nickeled       Coating of fitting       Nickeled         Material gasket       FKM       Coating of fitting       Nickeled         Locking material       Zinc clie-casting       Material gasket       FKM         Material gasket       FKM       Coating of fitting       Nickeled         Mounting method       Inserted, screwed, Shaking protection       Inserted, screwed, Shaking protection         Environmetial characteristics   Climatic       Operating temperature max.       85 °C       Operating temperature max.       85 °C         Additional condition temperature range       des of scina relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on scina relief       Potect the connectors by suitable measures from mechanical loads, e		no
Mounting set       M12 x 1         Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       2.5 k/V         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coating of fitting       Nickeled         Coating of fitting       Nickeled       Coating of fitting       Nickeled         Coating of fitting       Nickeled       Coating of fitting       Nickeled         Material gasket       FKM       Coating of fitting       Nickeled         Locking material       Zinc clie-casting       Material gasket       FKM         Material gasket       FKM       Coating of fitting       Nickeled         Mounting method       Inserted, screwed, Shaking protection       Inserted, screwed, Shaking protection         Environmetial characteristics   Climatic       Operating temperature max.       85 °C       Operating temperature max.       85 °C         Additional condition temperature range       des of scina relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on scina relief       Potect the connectors by suitable measures from mechanical loads, e	Installation   Connection	
Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   I     Mechanical data I Material data   Coating locking   Nickeled     Coating of fitting   nickel plated     Material gasket   FKM     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data I Mounting data   Inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature main.     -25 °C   Operating temperature max.     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 readii when laying cables, as the IP protection class can be endangered by excessive bending radii     Product standard   DIN EN 61076-2-101 (M12)     Installation I Cable   Cable identification     Cable identification   613     Cable identification   black     Type of Centifi		M12 x 1
Polition Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Image: Content of the second	Device protection   Electrical	
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       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 bending radius       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable Type       Cable Type     1       Jacket Color     black       Type of Certificate     cURus	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)     I       Mechanical data   Material data       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       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Installation   Cable       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     613       Cable flype     1       Jacket Color     black       Type of Certificate     cUFlus	Pollution Degree	3
Mechanical data   Material data         Coating locking       Nickeled         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Cooperating temperature min.         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Material condition temperature range         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Nate 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       613         Cable Identification       613       Cable	Rated surge voltage	2,5 kV
Coating locking       Nickeled         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature max.       85 °C         Additional condition temperature max.       85 °C         Additional condition temperature max.       85 °C         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Contornity       Installation   Cable         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       613         Cable identification       613         Cable Type       1         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 data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       -25 °C     Operating temperature max.       Additional condition temperature range     depending on cable quality       Important installation notes     Note on strain relief       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endagered by excessive bending forces.       Conformity     DiN EN 61076-2-101 (M12)       Installation   Cable     Cable identification       Cable Identification     613       Cable IColor     black       Type of Certificate     cURus	Mechanical data   Material data	
Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Comportant inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Coperating temperature min.         -25 °C       Operating temperature max.         Additional condition temperature range       depending on cable quality         Important installation notes       Coheron temperature in the coheron constrain 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       613         Cable IColor       black         Type of Certificate       cURus	Coating locking	Nickeled
Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature min.       Operating temperature 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       DIN EN 61076-2-101 (M12)     Installation   Cable       Cable identification     613       Cable Type     1       Jacket Color     black       Type of Certificate     cURus	Coating of fitting	nickel plated
Material screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Control       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Mounting forces.       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     1       Cable identification     613       Cable Type     1       Jacket Color     black       Type of Certificate     cURus	Material gasket	FKM
Mechanical data   Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature min.       -25 °C         Additional condition temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       -25 °C         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity	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     613       Cable identification     613       Cable Type     1       Jacket Color     black       Type of Certificate     cURus	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     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     613       Cable identification     613       Cable Type     1       Jacket Color     black       Type of Certificate     cURus	Mechanical data   Mounting data	
Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Installation   Cable       Cable identification     613       Cable Type     1       Jacket Color     black       Type of Certificate     cURus	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable identification       Cable identification     613       Cable Type     1       Jacket Color     black       Type of Certificate     cURus	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     Cable identification       Cable identification     613       Cable Type     1       Jacket Color     black       Type of Certificate     cURus	Operating temperature min.	-25 °C
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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     613       Cable identification     613       Cable Type     1       Jacket Color     black       Type of Certificate     cURus	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standardDIN EN 61076-2-101 (M12)Installation   CableCable identification613Cable Type1Jacket ColorblackType of CertificatecURus	Note on bending radius	
Installation   Cable     Cable identification   613     Cable Type   1     Jacket Color   black     Type of Certificate   cURus	Conformity	
Cable identification   613     Cable Type   1     Jacket Color   black     Type of Certificate   cURus	Product standard	DIN EN 61076-2-101 (M12)
Cable Type   1     Jacket Color   black     Type of Certificate   cURus	Installation   Cable	
Jacket Color   black     Type of Certificate   cURus	Cable identification	613
Type of Certificate cURus	Cable Type	1
	Jacket Color	black
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)	00 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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