

## M12 female recept. A-cod. rear

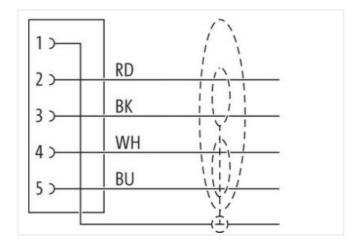
PUR AWG24+22 shielded vt UL/CSA+drag ch. 7.5m

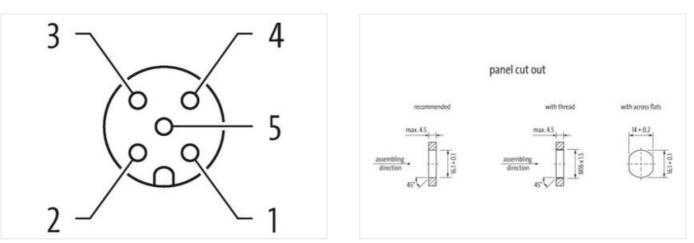
DeviceNet, CANopen Flange female M12, 5-pole Rear mounting without cable sleeves Further cable lengths on request. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product



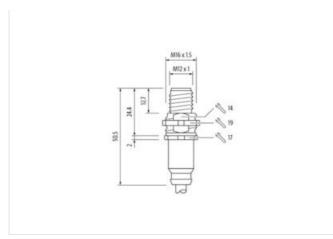






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-25 Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk





Product may differ from Image



Cable length	7,5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	Brass
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Side 2	
Stripping length (jacket)	20 mm
Commercial data	
ECLASS-6.0	27279220
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-8.0	27440103
ECLASS-9.0	27440103
ECLASS-10.1	27440103
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879578288
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A
Installation   Connection	
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Weith across flats     SW19       Device protection   Electrical       Protection NEMA     3, 4, 6P       Additional condition protection degree     inserted, screwed       Protection NEMA     3, 4, 6P       Additional condition protection degree     inserted, screwed       Protection NEMA     1, 5kV       Material group (EC 00064-1)     1       Material activa (Ection group (EC 00064-1)     1       Material group (EC 00064-1)     1       Material activa (Ection (	Stripping length (jacket)	20 mm	
Device protection   Electrical	Mounting set	M16 x 1.5	
Production NEMA3.4.6 PAdditional condition protection optoetioninserted, screwedAdditional condition protection optoetion3Rand surge vohage1.Material group (LEG 6064-1)1.Michanical dial <b>Material data</b> inskel platedCoating hokingnickel platedCoating hokingnickel platedCoating hokingnickel platedCoating hokingnickel platedCoating hokingnickel platedCoating hoking watterialBrassMaterial screw commectionBrassMaterial screw commectionScrew commectionEnvironmental characteristics (ClimatiCondering temperature max.85 °COperating temperature max.85 °COperating temperature max.85 °CPoduct standpotJuli EN 61076-2-101 (M12)Additional condition temperature rangedepending on cable qualityPoduct standpotJuli EN 61076-2-101 (M12)ApprovasyColoryLi SolicyAdditional CobleUIN Screw commectionAdditional condition temperature range400Jackel ColoryVigo of Centing CobleyLi SolicScrew coble cobl	Width across flats	SW19	
Additional condition protection degree     isearted, screwed       Polution Degree     3       Relation protection degree     1,5 V       Material group (FEC 60684-1)     I       Machanical datal Material datal     Control folder       Contral folder     mickel plated       Contral folder     mickel plated       Contral folder     Brass       Material acrew connection     Brass       Machanical datal Mounting datal     Machanical acrew connection       Monting method     Schraubgewinde       Environmental characteristics   Climatic     Operating temperature max.       Operating temperature max.     45 °C       Additional condition temperature max.     45 °C       Operating temperature max.     45 °C       Contormity     U	Device protection   Electrical		
Poluton Degree 3 Rated surge voltage 1,5 kV Material group (IICE 6064-1) I Mechanical data (Material data Coating housing nickel plated Coating of Ming Nickel plated Straubgewinde Environmental characteristics (Climatic Operating temperature man. 25 °C Operating temperature man. 25 °C National Conton temperature range Departing temperature man. 25 °C National Conton temperature man. 25 °C Coating temperature man. 25 °C National Conton temperature man. 25 °C National Conton temperature man. 25 °C Coating temperature man. 25 °C C	Protection NEMA	3, 4, 6P	
Faled support     1,5 kV       Material group (IEC 8068-1)     i       Machanica data [Material data     Coating fousing       Material group (IEC 8068-1)     i       Material group (IEC 8068-1)     i       Material group (IEC 8068-1)     i       Coating forming     nickel plated       Coating forming     nickel plated       Coating forming     nickel plated       Material screw connection     Brass       Material screw connection     Brass       Mounting method     Schrubgewinde       Cooking formingues     Schrubgewinde       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conternity     Preduct standard       Din EN 61076-2:101 (M12)     Approvals       Li Soft     yes       Installation   Cable     Ves       Installation   Gabe     Coll Flues       Standing (type 2)     1       Standing (type 2)     2 Stranded jaints bielled       Cable identification     903       Standing (type 2)     2 Stranded jaints bielled  <	Additional condition protection degree	inserted, screwed	
Material group (IEC 80684-1)     I       Mechanical data [Material data     Inickel plated       Coating housing     nickel plated       Coating for (Initing)     Brass       Material acrow connection     Brass       Mounting method     Schraubgewinde       Coating tomporature min.     -26 ° C       Operating tomporature max.     85 °C       Additional condition tomporature range     depending on cable quality       Contomity     Environmetal condition tomporature range       Vers     yes       Installation (Coate     yes       Installation (Coate <td>Pollution Degree</td> <td>3</td>	Pollution Degree	3	
Mechanical data   Material data       Coating locing     nickel plated       Coating locing     nickel plated       Coating intiling     nickel plated       Coating material     Brass       Mechanical dial   Mounting data     Mechanical dial   Mounting data       Mechanical dial   Mounting data     Schraubgewinde       Mechanical dial   Mounting data     Schraubgewinde       Mouning method     Schraubgewinde       Tervicomental characteristics   Climatic     Schraubgewinde       Operating temperature min.     -25 °C       Operating temperature max.     85 °G       Additional condition temperature may.     85 °G       Additional condition temperature may.     85 °G       Operating temperature may.     85 °G       Additional condition temperature may.     85 °G       Approxis     ys       UL SOE     ys       Data Editalianof     UN NE 1078-2:101 (M12)       Approxis     ys       Cable identification     803       Jackel Color     ys       Stranding (type 2)     1       Stranding (type 2)     2	Rated surge voltage	1,5 kV	
Caching housingnickel platedCasting hokingnickel platedCasting hokingnickel platedLooking matorialBrassMaterial screw connectionBrassMaterial screw connectionBrassMaterial screw connectionSchraubgewindeLooking mathorialSchraubgewindeDevelopmental characteristics   ClimatiOperating temperature min25 °COperating temperature min25 °CCatorianty	Material group (IEC 60664-1)	- 	
Coating Iocking     nickel plated       Coating Iocking     mickel plated       Coating Iocking     Brass       Material screw connection     Brass       Mounling method     Schraubgewinde       Cooking Ioching     Schraubgewinde       Cooking Iochingtes     Schraubgewinde       Contromity     Schraubgewinde       Contromity     depending on cable quality       Approvals     Sci       UI. SOE     yes       Installation   Cable     Vies       Cable iochinication     803       Jacket Color     violet       Type of Carificate     CURus       Amount stranding     1       Stranding (type 2)     1       Stranding (type 2)     2 Stranded joints twisted       Cable shielding (type 3)     2 Stranded joints twisted       Cable shielding (type 3)     2 Stranded joints twisted       Cable shielding (type)	Mechanical data   Material data		
Coating of fitting     nickel plated       Locking material     Brass       Machanical data (Mounting data     Brass       Mechanical data (Mounting data     Schraubgewinde       Environmental characteristics (Climatic     Coperating temperature min.       Operating temperature min.     25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Product standard       DIN EN 51076-2-101 (M12)     Approvals       UL 50E     yes       Installation   Cable     Cable identification       B03     Calckel Color       Violet     Ype of Certificate       Outfuits     CuFus       Anount stranding     1       Stranding (type 2)     1       Stranding (type 2)     2 Stranded joints twisted       Cable shelding (coverage)     65 %       Banding     Foil <td>Coating housing</td> <td>nickel plated</td>	Coating housing	nickel plated	
Locking material     Brass       Material screw connection     Brass       Material screw connection     Brass       Machanized data   Mounting data     Mounting method       Schraubgewinde     Schraubgewinde       Environmental characteristics   Climatus     Schraubgewinde       Environmental characteristics   Climatus     B8 °C       Operating temperature max.     B8 °C       Additional condition temperature rango     depending on cable quality       Conternity     Product standard       Product standard     DN EN 61076-2-101 (M12)       Approvals     yes       Installation   Cable     yes       Installation   Cable     yes       Installation   Cable     UL s0E       Amount stranding     1       Stranding     2 wires twisted       Amount stranding     1       Stranding     2 wires twisted       Cable shielding (type 2)     1       Stranding (type 2)     2 Stranded joints twisted       Cable shielding (type 2)     2 Stranded joints twisted       Cable shielding (type)     Copper braid, timed       Cable shielding (typ	Coating locking	nickel plated	
Locking material     Brass       Material screw connection     Brass       Material screw connection     Brass       Machanized data   Mounting data     Mounting method       Schraubgewinde     Schraubgewinde       Environmental characteristics   Climatus     Schraubgewinde       Environmental characteristics   Climatus     B8 °C       Operating temperature max.     B8 °C       Additional condition temperature rango     depending on cable quality       Conternity     Product standard       Product standard     DN EN 61076-2-101 (M12)       Approvals     yes       Installation   Cable     yes       Installation   Cable     yes       Installation   Cable     UL s0E       Amount stranding     1       Stranding     2 wires twisted       Amount stranding     1       Stranding     2 wires twisted       Cable shielding (type 2)     1       Stranding (type 2)     2 Stranded joints twisted       Cable shielding (type 2)     2 Stranded joints twisted       Cable shielding (type)     Copper braid, timed       Cable shielding (typ	Coating of fitting		
Material screw connection     Brass       Mechanical data   Mounting data       Mounting method     Schraubgewinde       Locking techniques     Schraubgewinde       Environmental characteristics   Climatic     Schraubgewinde       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature may     depending on cable quality       Contornity     Very       Product standard     DIN EN 61076 2-101 (M12)       Approvals     Very       Li EoE     yes       Installation   Cable     Very       Color     yos       Installation   Cable     Very       Color     yos       Installation   Cable     Very       Stranding (Spe 2)     1       Stranding (Spe 2)     1       Stranding (Spe 2)     2 Stranded joints twisted       Cable shielding (coverage)     65 %       Banding     Foil       Drain wire (cross-section)     22 AWG       Wire zangement     (white, blue), (black, red)       No. of bending cycles (C-track)     1 Mio.	Locking material	Brass	
Muniting method     Schraubgewinde       Looking techniques     Schraubgewinde       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)       Approvals     yes       Ut SOE     yes       Installation   Cable     yes       Calcional (Social Color)     yolet       Type of Carffication     803       Jacket Color     violet       Type of Carffication     2 wires twisted       Anount stranding     1       Stranding (yee 2)     2 Stranded joints twisted       Cable shielding (rype 2)     2 Stranded joints twisted       Cable shielding (coverage)     6 %       Banding     Feil       Drain wire (cross-section)     22 AWG       wire arangement     (white, blue), (black, red)       No. d' bending cycles (C+rack)     30.4 ± Gross-Galimum-free, CFC-free, halogen-free, silicone-free       Shore harness	Material screw connection	Brass	
Looking techniques     Schraubgewinde       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Contornity     Din EN 61076-2-101 (M12)       Approvals     yes       UL 50E     yes       Installation   Cable     UR       Cacle Color     violet       Type of Cartificatio     803       Cacle Color     violet       Type of Cartificatio     cURus       Annount stranding     1       Stranding (type 2)     1       Stranding (type 2)     2 Stranded joints twisted       Cable shielding (coverage)     65 %       Banding     Foil       Drain wire (cross-section)     22 AWG       wire arrangement     (white, blue), (black, red)       No. of bonding cycles (C+track)     1 Mio.       Cable weigth     63,12 g/m       Material jacket     9 UF       Shore hardness giaket     9 L       Droin wire (rosse section)     1 Shore A <td>Mechanical data   Mounting data</td> <td></td>	Mechanical data   Mounting data		
Looking techniques     Schraubgewinde       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Contornity     Din EN 61076-2-101 (M12)       Approvals     yes       UL 50E     yes       Installation   Cable     UB 803       Lockel Color     violet       Type of Certificate     cURus       Annount stranding     1       Stranding (type 2)     2 Nanded joints twisted       Cable shelding (type 2)     1       Stranding (type 2)     2 Stranded joints twisted       Cable shelding (coverage)     65 %       Banding     Foil       Drain wire (cross-section)     22 AWG       Wire arrangement     (white, blue), (black, red)       No. of bonding cycles (C-track)     1 Mio.       Cable weigth     63,12 g/m       Material jacket     9 L       Drain wire (cross-section)     22 AWG       Stranding cycles (C-track)     1 Mio.       Cable weigth	Mounting method	Schraubgewinde	
Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Environmental characteristics   Climatic       Product standard     DIN EN 61076-2:101 (M12)       Approvals     Environmental characteristics   Climatic       UL 50E     yes       Installation   Cable     Environmental characteristics   Climatic       Zable identification     803       Jacket Color     violet       Type of Certificate     cURus       Amount stranding     1       Stranding (type 2)     1       Stranding (type 2)     2 Stranded joints twisted       Cable shielding (coverage)     65 %       Banding     Foil       Drain wire (cross-section)     22 AWG       wire arrangement     (white, blue), (black, red)       No. of banding cycles (C-track)     1 Mo.       Cable weigth     63,12 g/m       Material jacket     PUF       Shore A     Freedom from ingreeding (sheath)       Nore Admens jacket	-		
Operating temperature max.     25 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conternity     V       Product standard     DIN EN 61076-2·101 (M12)       Approvals     V       Ut 50E     yes       Installation   Cable     V       Color     viol       10 color     viol       Aport of Cable     V       Cable identification     803       Jacket Color     violet       Type of Certificate     cURus       Annount stranding     1       Stranding     2 wires twisted       Annount stranding (type 2)     1       Stranding (type 2)     2 Stranded joints twisted       Cable shielding (coverage)     65 %       Banding     Foil       Drain wire (cross-section)     22 AWG       Wire arrangement     (White, blue), (black, red)       No. of bending cycles (C-track)     1 Mio.       Cable shielding icoverage)     63 % Sore A <tr< td=""><td></td><td></td></tr<>			
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Environment of the second	· · ·		
Additional condition temperature range     depending on cable quality       Conformity     Environment of the second se			
Conformity     DIN EN 61076-2-101 (M12)       Approvals     yes       Installation   Cable     ges       Cable identification     803       Jacket Color     violet       Type of Certificate     cUL usa       Amount stranding     1       Stranding     2 wires twisted       Amount stranding (type 2)     1       Stranding (type 2)     2 Stranded joints twisted       Cable shelding (type)     copper braid, tinned       Cable shelding (coverage)     65 %       Banding     Foil       Drain wire (cross-section)     22 AWG       wire arrangement     (white, blue), (black, red)       No. of berding cycles (C-track)     1 Mio.       Cable weighth     63,12 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (facket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (facket)     6.9 mm       Toleranee outer (fameter (facket)     9.5 %       Material wire insulation     PE       Amount wires     2			
Product standard     DIN EN 61076-2-101 (M12)       Approvals     yes       Installation   Cable     Resonance       Cable identification     803       Jacket Color     violet       Opport     Cable identification     803       Amount Stranding     1     Stranding     1       Stranding     2 wires twisted     Resonance     Resonance       Amount stranding (type 2)     1     Stranding (type 2)     2 Stranded joints twisted       Cable shielding (type 2)     2 Stranded joints twisted     Stranding     Stranding (type 2)     2 Stranded joints twisted       Cable shielding (coverage)     65 %     Stranding (type 2)     2 Stranded joints twisted       Dirai wire (cross-section)     22 AWG     Stranding (type 2)     22 AWG       Wire arrangement     (white, blue), (black, red)     Moi.     Stranding (type 2)     33 (2 ym       Material jacket     PUR     Stranding (type 2)     5 Store A			
ApprovalsUL 50EyesInstallation   CableCable identification803Jacket ColorvioletType of CertificatecURusArnount stranding1Stranding (type 2)2 Stranded joints twistedCable shielding (type 2)2 Stranded joints twistedCable shielding (type 2)2 Stranded joints twistedCable shielding (coverage)65 %BandingFoilDrain wire (cross-section)22 AWGwire arrangement(white, bule), (black, red)No. of bending cycles (C-track)1 Mio.Cable weigth63,12 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)6.9 mmCaleranee uter (jacket)PEAnount wires2	Conformity		
Ut SDE     yes       Installation   Cable     Cable identification     803       Cable identification     803       Jacket Color     violet       Type of Certificate     cURus       Armount stranding     1       Stranding (type 2)     2 wires twisted       Amount stranding (type 2)     1       Stranding (type 2)     2 Stranded joints twisted       Cable shielding (type 2)     2 Stranded joints twisted       Cable shielding (type 2)     2 Stranded joints twisted       Cable shielding (coverage)     65 %       Banding     Foil       Drain wire (cross-section)     22 AWG       wire arrangement     (white, blue), (black, red)       No. of bending cycles (C-track)     1 Mio.       Cable weigth     63,12 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     69, 9m       Outer-diameter (jacket)     6,9 mm       Dufer diameter (sheath)     ± 5 %       Material wire insulation     PE       Amount wires     2	Product standard	DIN EN 61076-2-101 (M12)	
Installation   Cable       Cable identification     803       Jacket Color     violet       Type of Certificate     cURus       Amount stranding     1       Stranding     2 wires twisted       Amount stranding (type 2)     1       Stranding (type 2)     2 Stranded joints twisted       Cable shielding (type)     copper braid, tinned       Cable shielding (coverage)     65 %       Banding     Foil       Drain wire (cross-section)     22 AWG       wire arrangement     (white, blue), (black, red)       No. of bending cycles (C-track)     1 Mio.       Cable weigth     63,12 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)     6.9 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PE       Amount wires     2	Approvals		
Cable identification803Jacket ColorvioletType of CertificatecURusAmount stranding1Stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)2 Stranded joints twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)65 %BandingFoilDrain wire (cross-section)22 AWGwire arrangement(white, blue), (black, red)No. of bending cycles (C-track)1 Mio.Cable weigth63,12 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)6.9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPEAmount wires2	UL 50E	yes	
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Cable shielding (coverage)65 %BandingFoilDrain wire (cross-section)22 AWGwire arrangement(white, blue), (black, red)No. of bending cycles (C-track)1 Mio.Cable weigth63,12 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPEAmount wires2	Stranding (type 2)	2 Stranded joints twisted	
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Drain wire (cross-section)22 AWGwire arrangement(white, blue), (black, red)No. of bending cycles (C-track)1 Mio.Cable weigth63,12 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPEAmount wires2	Cable shielding (coverage)	65 %	
wire arrangement(white, blue), (black, red)No. of bending cycles (C-track)1 Mio.Cable weigth63,12 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPEAmount wires2	Banding	Foil	
No. of bending cycles (C-track)1 Mio.Cable weigth63,12 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPEAmount wires2	Drain wire (cross-section)	22 AWG	
Cable weigth63,12 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPEAmount wires2	wire arrangement	(white, blue), (black, red)	
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)     6,9 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PE       Amount wires     2	No. of bending cycles (C-track)	1 Mio.	
Shore hardness jacket 90 ± 5 Shore A   Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   Outer-diameter (jacket) 6,9 mm   Tolerance outer diameter (sheath) ± 5 %   Material wire insulation PE   Amount wires 2	Cable weigth	63,12 g/m	
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   Outer-diameter (jacket) 6,9 mm   Tolerance outer diameter (sheath) ± 5 %   Material wire insulation PE   Amount wires 2	Material jacket	PUR	
Outer-diameter (jacket) 6,9 mm   Tolerance outer diameter (sheath) ± 5 %   Material wire insulation PE   Amount wires 2	Shore hardness jacket		
Tolerance outer diameter (sheath) ± 5 %   Material wire insulation PE   Amount wires 2	Freedom from ingredients (jacket)		
Material wire insulation PE   Amount wires 2	Outer-diameter (jacket)		
Amount wires 2	Tolerance outer diameter (sheath)	±5%	
	Material wire insulation	PE	
	Amount wires		
	Outer diameter insulation		
	Outer diameter tolerance core insulation		
Shore hardness wire insulation 64 ± 5 Shore D	Shore hardness wire insulation	64 ± 5 Shore D	

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Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	19
Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 AWG
Drain wire (cross-section)	22 AWG
Material conductor wire	copper stranded wire, tinned
Electrical function wire	Data
Material wire insulation (Data)	PE
Outer diameter wire insulation (Data)	1,5 mm
Tolerance outer diameter wire insulation (data)	± 53 %
Ingredient freeness wire insulation (Data)	lead-free, CFC-free, halogen-free
Amount wires (Data)	2
Amount strands wire (Data)	19
Diameter of single wires (Data)	22 AWG
Conductor crosssection wire (Data)	22 AWG
Material conductor wire (Data)	copper stranded wire, tinned
Electrical function wire (data)	Power
Traversing distance (C-track)	5 m
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Current load capacity min. Wire (Data)	6 A
Electrical function wire	Data
Electrical function wire (data)	Power
Characteristic impedance	120 Ω ± 10 % @ 1 MHz
Electrical resistance line constant wire	78 Ω/km
Electrical resistance coating wire (Data)	54 Ω/km
Nominal voltage power AC max.	300 V
Electric capacitance (power)	40000 pF/km
AC withstand voltage power (wire - shield)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	6 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 30 °/m

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