

## MVP12, 4XM12, 5POLE, PLUGGABLE CABLE

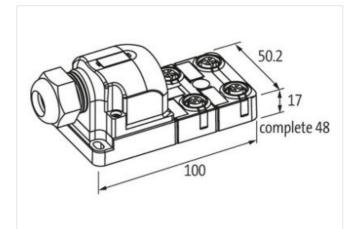
5.0m PUR/PVC 8x0,34+3x0,75

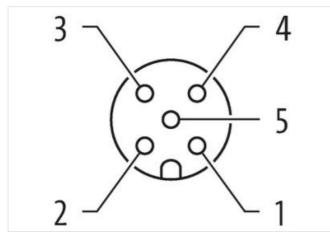
4-way, 5-pole PUR/PVC 5.0 m with LED for digital PNP-signals 24 V DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

## Link to Product









Product may differ from Image



Commercial data		
ECLASS-6.0	27279219	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	

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



ECLASS:0.0     27440109       ECLASS:0.1     27440109       ECLASS:10     27440109       ECLASS:11.1     27440109       ECLASS:12.0     27440109       ECLASS:13.0     27440109       ECLASS:10.1     27440109       ECLASS:10.1     27440109       ECLASS:10.1     4088200538       Packagn unit     1       Electrical data [Supply     Operating voltage DC       Operating voltage DC not.     18 V       Operating voltage DC not.     39 V       Carrent operating voltage DC not.     4 A       Total current not.     8 A       Martin file     M12 x 1       Device protection ledgete     inserted, screwed       Device protection degree     inserted, screwed       Device protection ledgete     Inserted, screwed       Device protection ledgete	ECLASS-8.0	27279219
ECLASS 11.127440108ECLASS 12.027440108ECLASS 12.027440108ETMA 5.0ECO285castors tarff number8536910GTN494697064538Packagg unit1Electrical data [SupplyOperating voltage 0C24 VOperating voltage 0C max.50 VCarrert operating voltage 0C max.4 ATotal current max.8 AIndustrial communicationInterferenceInstallation   Connection8 AIndustrial communicationInterferenceNumber of signals per port2Installation   ConnectionInterferenceValidional controllation   ElectricalInterferenceDegree of protection   ElectricalInterferenceValidional controllation   ElectricalInterferenceValidional controllat	ECLASS-9.0	27440108
ECLASS12.0     27440168       ETM 5.0     EC002865       catoma tarfi mumber     85369010       GTM     404887064538       Packaging unit     1       Electrical data   Supply        Operating voltage DC     24 V       Operating voltage DC min.     10 V       Operating voltage DC min.     10 V       Current operating voltage DC min.     0 A       Total current max.     0 A       Industrial communication        Industrial communication        Partical contention        Mouning set     M12 × 1       Device protection I NuE C6 0020     IP65, IP67       Additional condition protection drogree     Inserted., Scrawed       Device protection I NuE C6 0020     IP65, IP67       Additional condition protection drogree     Inserted., Scrawed       Device protection I NuE C6 0020     IP65, IP67       Additional condition protection drogree     Inserted., Scrawed       Device protection I Nue IE 60020     IP65, IP67       Additional formating on the operation in the strating on the operation in the operation in the operation in the operation in the operation	ECLASS-10.1	27440108
ETN 5.0     EC002985       cuatoms tarff number     B536010       OTN     404687004533       Packaging unit     1       Electrical data   Supply     Coperating voltage DC       Operating voltage DC max.     30 V       Current operating voltage DC max.     4 A       Operating voltage DC max.     6 A       Industrial communication     Industrial communication       Number of signals per port     2       Installicion (Connection     Industrial communication       Mounting ast     M12 x 1       Degree of protection (ElviEc BoS29)     IP65, IP67       Additorial commonication protection degree     Insetted, screwed       Device protection (ElviEc BoS29)     IP65, IP67       Additorial commonication     Machina commonication       Machina in moting     PB7       Elsenseita data   Material data     Machina in moting       Machina in moting     PB7       Departing temperature max.     80 *C       Dep	ECLASS-11.1	27440108
culors laifl number     8536910       GTN     404887064538       Packanje unit     1       Electrical data   Supply        Operating voltage DC max.     30 V       Current operating voltage DC max.     4 A       Tatal current max.     8 A       Industrial communication     2       Tatal current max.     8 A       Industrial communication     2       March of signals per port     2       Device protection   Electrical     Elegee of protection   Electrical       Device protection   Electrical     Elegee of protection   Electrical       Device protection   Electrical     Elegee of protection   Molting       Device protection   Molting     PGT       Madrial housing     PGT       Madrial housing     PGT       Marching Lister (Stating Communication)     Stortaubgewinde       Haight     100 rm       Marching Lister (Stating Communication)     Stortaubgewinde       Haight     100 rm       Contract (Stating Communication)     Stortaubgewinde       Haight     100 rm       Coperating telegee dot stortaubgewinde     <	ECLASS-12.0	27440108
GTN     4048879064538       Packaging unit     1       Electrical dias   Sopply     Electrical dias   Sopply       Operating voltage DC main.     18 V       Operating voltage DC main.     30 V       Carrent operating par contact max.     4 A       Industrial communication     8 A       Industrial communication     8 A       Industrial communication     2       Installation   Connection     Mil2 x 1       Device protection   Electrical     967.       Additional condition protection degree     Inserted, screwed       Device protection   Electrical     987.       Device protection   Mil2 x 1     Electrical data   Mouning set       Material housing     PBT       Electrical data   Mouning data     PBT       Material housing     PBT       Material housing data     Schraubgewinde       Height     100 mm       Width     50.2 mm       Deprind uning womperature min.     20 °C       Operating voltage and electrical solution     363       Deprind uning womperature max.     80 °C       Deprind uning womperature max. <t< td=""><td>ETIM-5.0</td><td>EC002585</td></t<>	ETIM-5.0	EC002585
Packaging unit     1       Electrical data [ Supply        Operating voltage DC     24 V       Operating voltage DC min.     18 V       Operating voltage DC max.     30 V       Current operating per contact max.     4 A       Total current max.     8 A       Industrial communication        Industrial communication     2       Installation [ Connecton        Mounting set     M12 x 1       Device protection [Electrical        Degree of protection [Motto]        Enderstriat communication     isserted, screwed       Device protection [Motto]        Ender cesting contage and screwed        Device protection [Motto]        Ender cesting contage and screwed        Machanical data [Material data        Material bousing     PBT       Material bousing     PBT       Material bousing     Screwed       Degremating contage and screwed        Degremating contage and screwed        Degremating screwed     Screwed	customs tariff number	85369010
Electrical data   Supply       Operating voltage DC min.     94 V       Operating voltage DC min.     90 V       Current operating per contact max.     4 A       Total current max.     9 A       Industrial communication     V       Number of signals per port     2       Industrial communication     V       Number of signals per port     2       Industrial communication     V       Device protection   Electrical     V       Device protection   Electrical     V       Device protection   Media     Instruct Score       Device protection   Media     Instruct Score       Madring and Industrial data   Material data     V       Maching method     Schraubgewinde       Height     100 mm       Verk protection   Cline   Electrical     V       Device protection   Media     Schraubgewinde       Maching method     Schraubgewinde       Height     100 mm       Verk protection   Cline   Cli	GTIN	4048879064538
Operating voltage DC     24 V       Operating voltage DC max.     18 V       Operating voltage DC max.     30 V       Current operating oper contact max.     4 A       Total current max.     8 A       Industrial communication     Industrial communication       Number of signals per port     2       Insultation I Connection     Insultation I Connection I Marka       Bevice protection [Electrical     Insultation I Connection I Marka       Device protection I Sectrical     Insultation I Connection Gargemeet inserted, serwerd       Device protection I Media     Inserted, serwerd       Material duals I Material data     Material duals       Material duals I Material data     Material duals       Material duals I Material data     Schraubgewinde       Haight     100 nm       Weith     50 °C       Operating interpreture mix.     20 °C       Operating interpreture mix.     20 °C	Packaging unit	1
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Operating voltage DC max.     30 V       Current operating per contact max.     4 A       Industrial communication     Industrial communication       Number of signals per port.     2       Installation   Connection     Industrial communication       Device protection   Electrical     Industrial communication       Device protection [ Electrical     Industrial condition protection degree       Device protection   Media     File       Filem resistance     fame restandat       Matchial condition protection degree     inserted, screwed       Device protection   Media     File       Filem resistance     fame restandat       Matchial could in protection data     Material data       Material data   Mounting data     Material data   Mounting data       Mounting method     Schraubgewinde       Height     100 mm       Width     50.2 mm       Depth     17 mm       Environmental characteristics   Climatic     Concertion       Cyperating temperature min.     20 °C       Cable identification     363       Cable identification     363       Cable identification	Operating voltage DC	24 V
Operating voltage DC max.     30 V       Current operating per contact max.     4 A       Industrial communication     Industrial communication       Number of signals per port.     2       Installation   Connection     Industrial communication       Device protection   Electrical     Industrial communication       Device protection [ Electrical     Industrial condition protection degree       Device protection   Media     File       Filem resistance     fame restandat       Matchial condition protection degree     inserted, screwed       Device protection   Media     File       Filem resistance     fame restandat       Matchial could in protection data     Material data       Material data   Mounting data     Material data   Mounting data       Mounting method     Schraubgewinde       Height     100 mm       Width     50.2 mm       Depth     17 mm       Environmental characteristics   Climatic     Concertion       Cyperating temperature min.     20 °C       Cable identification     363       Cable identification     363       Cable identification		18 V
Current operating per contact max. 4 A   Total current max. 8 A   Industrial communication Number of signals per port 2   Installation   Connection 2   Mounting set M12 x 1   Device protection   Electrical 2   Degree of protection   Flectrical 2   Device protection   Identical 1965, IP67   Additional condition protection degree inserted, screwed   Device protection   Media 1   Flame resistance flame restanda   Machinal condition protection degree 1985   Material housing PBT   Mechanical data   Material data 100 mm   Mounting method Solznubgewinde   Height 100 mm   Width 50.2 mm   Depariting temperature min. 20 °C   Operating temperature max. 80 °C   Installation 363   Cable identification <	Operating voltage DC max.	30 V
Industrial communication     2       Installation Connection     Installation Connection       Mouning set     M12 × 1       Device protection [Electrical     Electrical       Degree of protection (EN IEC 60529)     IP65, IP67       Additional condition protection degree     inserted, screwed       Device protection [Media     Immeritation (Connection Media)       Device protection [Media     Immeritation (Connection Media)       Mechanical data [Material data     Mechanical data [Material data]       Mechanical data [Material data]     PBT       Mechanical data [Mouning data     Schraubgowinde       Mouning method     Schraubgowinde       Height     100 mm       Writh     50,2 mm       Depth     17 mm       Environmental characteristics [Climatic     20° C       Operating temperature max.     80 °C       Cable Irification     363       Cable Irification     963       Cable Irificatisis [Clima		4 A
Number of signals per port     2       Installation   Connection        Mouting set     M12 x 1       Device protection   Electrical        Degree of protection (EN IEC 60529)     IP65, IP67       Additional condition protection degree     inserted, screwed       Device protection (IM IEC 60529)     IP65, IP67       Additional condition protection degree     inserted, screwed       Device protection I Media     Imme retardant       Material housing     PB T       Material housing method     Schraubgewinde       Height     100 mm       Worth     50.2 mm       Operating temperature max.     80 °C       Operating temperature max.     80 °C       Operating temperature max.     80 °C       Device fortificate     URus       Cable Type     2       Jacket Color     gray       Type of Certificate     URus       Stranding     1 wirks wink IBler twisted       Amount stranding     1       Stranding (type 2)     9 wirks around Stranding combination twisted       Cable Holigne (type 2)     9 wirks around Strandi	Total current max.	8 A
Number of signals per port     2       Installation   Connection        Mouting set     M12 x 1       Device protection   Electrical        Degree of protection (EN IEC 60529)     IP65, IP67       Additional condition protection degree     inserted, screwed       Device protection (IM IEC 60529)     IP65, IP67       Additional condition protection degree     inserted, screwed       Device protection I Media     Imme retardant       Material housing     PB T       Material housing method     Schraubgewinde       Height     100 mm       Worth     50.2 mm       Operating temperature max.     80 °C       Operating temperature max.     80 °C       Operating temperature max.     80 °C       Device fortificate     URus       Cable Type     2       Jacket Color     gray       Type of Certificate     URus       Stranding     1 wirks wink IBler twisted       Amount stranding     1       Stranding (type 2)     9 wirks around Stranding combination twisted       Cable Holigne (type 2)     9 wirks around Strandi	Industrial communication	
Installation   Connection       Mounting set     M12 x 1       Degree of protection   Electrical     Improve the protection (EN IEC 00529)       Degree of protection (EN IEC 00529)     IP65, IP67       Additional condition protection degree     inserted, screwed       Device protection   Media     Improve the protection degree       Device protection   Media     Improve the protection degree       Device protection   Media     Improve the protection degree       Material housing     PBT       Material housing     PBT       Material data   Mounting data     Schraubgewinde       Height     100 mm       Width     50.2 mm       Depth     17 mm       Environmental characteristics   Climatic       Operating temperature min.     -20 °C       Operating temperature max.     80 °C       Installation   Cable     Cable identification       Gabs identification     363       Cable identification     363       Color     gray       Type of Certificate     Clifus       Stranding     1       Stranding (type 2)     1       <		2
Mounting set     M12 x 1       Device protection [Electrical       Degree of protection (Electrical       Degree of protection (Electrical       Additional condition protection degree     issented, screwed       Device protection [Media       Flame resistance     flame retardant       Material housing     PBT       Material housing     PBT       Mounting method     Schraubgewinde       Height     100 mm       Width     50.2 mm       Depriting temperature min.     20 °C       Operating temperature max.     80 °C       Environmetal characteristics   Climatic     Climatic       Cable identification     363       Cable identification     263       Operating temperature max.     80 °C       Instantion   Cable     2       Jacket Color     gray       Type of Cartificate     UPVBrd       Operating transperiation     9 wires around Stranding combination twisted       Color     gray     1       Stranding (type 2)     9 wires around Stranding combination twisted       Cobeperoling (type)     Stranding (type 2) <td></td> <td>£</td>		£
Device protection   Electrical       Degree of protection (EN IEC 60529)     IP65, IP67       Additional condition protection degree     inserted, screwed       Device protection   Media     Image: screwed       Flame resistance     flame retardant       Mechanical data   Material data     Material housing     PBT       Mechanical data   Mounting data     Schraubgewinde     Height       Mounting method     Schraubgewinde     Height       Vidith     50.2 mm     Depth     17 mm       Environmental characteristics   Climatic     Operating temperature min.     -20 °C       Operating temperature min.     -20 °C     C       Operating temperature max.     80 °C     Imstallation       Gable Identification     363     Gable Identification       Type of Certificate     URus     Type of Certificate       STOOW style jacket     Hybrid, Signal, Power     Amount stranding       Amount stranding     1     Stranding     Stranding       Stranding (type 2)     9 wires around Stranding combination twisted     Gable shielding (type)       Gable shielding (type)     copper braiding, bare     Gable shi	Installation   Connection	
Degree of protection (EN IEC 60529)     IP65, IP67       Additional condition protection degree     inserted, screwed       Device protection [Media     Flame resistance     flame retardant       Mechanical data [Material data     Mechanical data [Material data     Mechanical data [Mouting data       Mechanical data [Mouting data     Mounting method     Schraubgewinde     Mechanical data [Mouting data       Mouting method     Schraubgewinde     Mechanical data [Mouting data     Mounting method     Schraubgewinde       Height     100 mm     Width     50.2 mm     Depth     17 mm       Depth     17 mm     Tom     Tom     Tom     Tom       Coperating temperature min.     -20 °C     Qerating temperature max.     80 °C     Tom       Operating temperature max.     80 °C     Statallation [Cable     Gable officiation     G	Mounting set	M12 x 1
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Device protection   Media       Flame resistance     flame retardant       Material housing     PBT       Material housing     PBT       Material housing     PBT       Mochanical data   Mounting data     Mochanical data   Mounting data       Mounting method     Schraubgewinde       Height     100 mm       Width     50.2 mm       Depth     17 mm       Environmental characteristics   Climatic       Operating temperature min.     -20 °C       Operating temperature max.     80 °C       Installation   Cable     Cable identification       Cable identification     363       Cable of color     gray       Type of Certificate     cURus       STOOW style jacket     Hybrid, Signal, Power       Amount stranding     1       Stranding     2 wires with Filler twisted       Amount stranding (type 2)     1       Stranding (type 2)     9 wires around Stranding combination twisted       Cable shielding (type)     copper braiding, bare       Cable shielding (type)     9 wires around Stranding corenapen. white, brown-green, blue, brown, green-yellow) <td>Degree of protection (EN IEC 60529)</td> <td>IP65, IP67</td>	Degree of protection (EN IEC 60529)	IP65, IP67
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Mechanical data   Material dataMatorial housingPBTMechanical data   Mounting dataMounting methodSchraubgewindeHeight100 mmWidth50.2 mmDepth17 mmEnvironmental characteristics   ClimaticOperating temperature min20 °COperating temperature min20 °COperating temperature max.80 °CInstallation   CableCable identification363Cable identification363STOOW style jacketHybrid, Signal, PowerAmount stranding1Stranding (type 2)1Stranding (type 2)9 wires around Stranding combination twistedCable ishelding (type 2)9 wires around Stranding combination twistedCable shelding (type)copper braiding, bareCable shelding (type)25 °CCable weigth143 g/m	Flame resistance	flame retardant
Material housing     PBT       Mechanical data   Mounting data     Mounting method     Schraubgewinde       Height     100 mm     Width     50.2 mm       Depth     17 mm     Tom     Tom       Environmental characteristics   Climatic     Operating temperature min.     -20 °C       Operating temperature min.     -20 °C     Operating temperature max.     80 °C       Installation   Cable     C     C     C       Gable identification     363     C     C       Type of Centificate     cURus     C     C       STOOW style jacket     Hybrid, Signal, Power     C     C       Amount stranding     1     Stranding (type 2)     1     Stranding (type 2)     Stranding combination twisted       Cable shielding (type 2)     9 wires around Stranding combination twisted     C     Cable shielding (type 2)     9 wires around Stranding combination twisted       Cable shielding (type 2)     9 wires around Stranding combination twisted     C     C     Cable shielding (type 2)     9 wires around Stranding combination twisted     C     Cable shielding (coverage)     S %     Filler     yes <td></td> <td></td>		
Mechanical data   Mounting data       Mounting method     Schraubgewinde       Height     100 mm       Width     50,2 mm       Depth     17 mm       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature max.     80 °C       Installation   Cable     Cable installation   Cable       Cable interfactor     363       Cable Type     2       Jacket Color     gray       Type of Certificate     cURus       STOOW style jacket     Hybrid, Signal, Power       Amount stranding     1       Stranding (type 2)     1       Stranding (type 2)     9 wires around Stranding combination twisted       Cable shielding (type)     copper braiding, bare       Cable shielding (coverage)     85 %       Filler     yes       wire arangement     white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)       No. of bending cycles (C-track)     2 Mio. @ 25 °C       Cable weigth     143 g/m		
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Installation   CableCable identification363Cable Type2Jacket ColorgrayType of CertificatecURusSTOOW style jacketHybrid, Signal, PowerAmount stranding1Stranding2 wires with Filler twistedAmount stranding (type 2)1Stranding (type 2)9 wires around Stranding combination twistedCable shielding (type)copper braiding, bareCable shielding (coverage)85 %Filleryeswire arrangementwhite, yellow, (gray, gray-pink, red-blue, green, white, brown-green, blue, brown, green-yellow)No. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth143 g/m	Operating temperature min.	-20 °C
Cable identification363Cable Type2Jacket ColorgrayType of CertificatecURusSTOOW style jacketHybrid, Signal, PowerAmount stranding1Stranding2 wires with Filler twistedAmount stranding (type 2)1Stranding (type 2)9 wires around Stranding combination twistedCable shielding (type)copper braiding, bareCable shielding (coverage)85 %Filleryeswire arrangementwhite, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)No. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth143 g/m	Operating temperature max.	0° 08
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Cable Type2Jacket ColorgrayType of CertificatecURusSTOOW style jacketHybrid, Signal, PowerAmount stranding1Stranding2 wires with Filler twistedAmount stranding (type 2)1Stranding (type 2)9 wires around Stranding combination twistedCable shielding (type)copper braiding, bareCable shielding (coverage)85 %Filleryeswire arrangementwhite, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)No. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth143 g/m	Cable identification	363
Jacket ColorgrayType of CertificatecURusSTOOW style jacketHybrid, Signal, PowerAmount stranding1Stranding2 wires with Filler twistedAmount stranding (type 2)1Stranding (type 2)9 wires around Stranding combination twistedCable shielding (type)copper braiding, bareCable shielding (coverage)85 %Filleryeswire arrangementwhite, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)No. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth143 g/m		
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Amount stranding (type 2)1Stranding (type 2)9 wires around Stranding combination twistedCable shielding (type)copper braiding, bareCable shielding (coverage)85 %Filleryeswire arrangementwhite, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)No. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth143 g/m		2 wires with Filler twisted
Cable shielding (type)copper braiding, bareCable shielding (coverage)85 %Filleryeswire arrangementwhite, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)No. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth143 g/m	Amount stranding (type 2)	1
Cable shielding (coverage)   85 %     Filler   yes     wire arrangement   white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)     No. of bending cycles (C-track)   2 Mio. @ 25 °C     Cable weigth   143 g/m	Stranding (type 2)	9 wires around Stranding combination twisted
Filleryeswire arrangementwhite, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)No. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth143 g/m	Cable shielding (type)	copper braiding, bare
wire arrangementwhite, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)No. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth143 g/m	Cable shielding (coverage)	85 %
No. of bending cycles (C-track) 2 Mio. @ 25 °C   Cable weigth 143 g/m	Filler	yes
Cable weigth 143 g/m	wire arrangement	white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)
	No. of bending cycles (C-track)	2 Mio. @ 25 °C
Material jacket PUR	Cable weigth	143 g/m
	Material jacket	PUR

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Shore hardness jacket	87 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	8,1 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PVC
Amount wires	8
Outer diameter insulation	1,3 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 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
Material wire insulation (Power)	PVC
Outer diameter wire insulation (Power)	1.8 mm
Tolerance outer diameter wire insulation	1,0 1111
(Power)	±5 %
Shore hardness wire insulation (Power)	43±5 Shore D
Material properties wire insulation (Power)	good machinability
Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Amount wires (Power)	3
Amount strands wire (Power)	24
Diameter of single wires (Power)	0,2 mm
Wire conductor cross section (Power)	0,75 mm <sup>2</sup>
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	Strand class 5
Traversing distance (C-track)	5 m @ 25 °C
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	26 Ω/km @20 °C
Loop resistance	7,8 A
Max. rated voltage power (conductor - ground)	300 V
Max. rated voltage power (conductor - conductor)	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	2° 08
Operating temperature min. (dynamic)	-5 ℃
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	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Connection type 2	

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Family construction form	free cable end
Color contact carrier	gray
No. of poles	11
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	+
PIN 2	NC S 2
PIN 3	·
PIN 4	NO S 1
PIN 5	PE

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