

## MVP12, 6XM12, 5POLE, PLUGGABLE CABLE

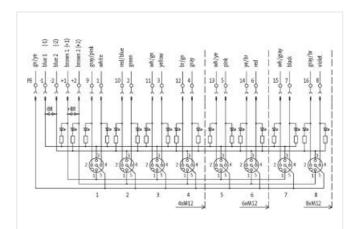
10.0m PUR/PVC 12x0,34+5x0,75

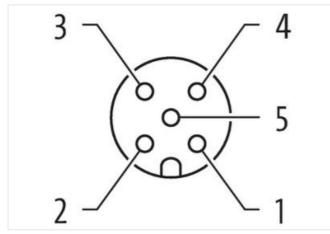
Further cable lengths on request. 6-way, 5-pole Plastic housings with good resistance against chemicals and oils. PUR/PVC The resistance to aggressive media should be individually tested for your application. Further details on request. 10.0 m potentially separated with LED for digital PNP-signals 24 V DC

## Link to Product

Illustration







Product may differ from Image



Commercial data		
ECLASS-6.0	27279219	
ECLASS-6.1	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: 2024-05-01



ECLASS 9.0     27/2110       ECLASS 9.0     27/4100       ECLASS 9.1     27/440108       ECLASS 1.1     27/440108       ETM 5.0     ECOSS65       Destrist 1muber     85/44280       GTM     44893704/255       Parkagrig unit     1       Exercical data I Supply     Operating voltage DC m.       Operating voltage DC m.     30 V       Current questing per ordiant max.     8.A       Total current at 2 tries current fleed-in max.     8.A       Total current at 2 tries current fleed-in max.     8.A       Total current at 2 tries current fleed-in max.     8.A       Total current at 2 tries current fleed-in max.     8.A       Total current at 2 tries current fleed-in max.     8.A       Total current at 2 tries current fleed-in max.     8.A       Total current at 2 tries current fleed-in max.     8.A       Total current at 2 tries current fleed-in max.     8.A	ECLASS-7.0	27279219
ECLASS:10.1     27440108       ECLASS:12.0     27440108       ETM 5.0     EC000555       castors tarfi number     8544290       OTN     404877064255       Packaging unit     1       Etentical data [Soppi)	ECLASS-8.0	27279219
ECLASS 1:1     27440108       ECLASS 1:2.0     27440108       ECLASS 1:2.0     ECO2685       customs taff number     65544230       GTIN     46487004265       Packaging unit     1       Etercited data [Supply     Coperating voltage DC       Operating voltage DC max.     30 V       Carrent doetanting per contact max.     4 A       Total current 3 time current field-in max.     8 A       Total current 3 time current field-in max.     8 A       Industrial communication     X       Number of agnats per port     2       Tradiation of Connection     Toperating voltage DC insci.       Device protection [Electrical     Max 1       Device protection [Electrical     Max 1       Device protection [Electrical     Form       Headrant bounding     PBT       Mechanical data [Mounting data     Form       Headrant bounding     PBT       Mechanical data [Mounting data     Form       Headrant bounding to the protection [Electrical     Electrical       Mechanical data [Mounting data     Form       Headrant bounding data     F	ECLASS-9.0	27440108
ECLASP120     27440108       ETM-5.0     EC00285       cations tarf mumber     8544290       GTM     404873064255       Packaging unit     1       Electrical data   Supply        Operating voltage DC     24 V       Operating voltage DC max     30 V       Carrent operating voltage DC max     30 V       Carrent operating per contact max.     4 A       Total current at 15 mine current flock-in max.     8 A       Total current at 15 mine current flock-in max.     8 A       Industrial communication        Number of signals per port     2       Installation I Connection        Tightening torque     0.6 Nm       Mauring set     M12 x 1       Device protection I [Electrical        Dagree of protection I (EN ICE 06529)     1956, 1967       Additional condition protection degree     Inserted start       Material data     Material data       Material data Mounting data     PBT       Material data Mounting data     90 °C       Operating inpropruter min.     -20 °C       Op	ECLASS-10.1	27440108
ETM 5.0     EC002585       cataons raff number     85444290       GTM     404879064255       Packaging unit     1       Electrical data   Supply     0       Operating voltage DC     24 V       Operating voltage DC max.     30 V       Current operating voltage DC max.     30 V       Current operating voltage DC max.     8 A       Total current 1 teme scurrent forein max.     8 A       Total current 1 teme scurrent forein max.     8 A       Total current 1 teme scurrent forein max.     8 A       Total current 1 teme scurrent forein max.     8 A       Total current 1 teme scurrent forein max.     8 A       Mounting avt     M12 x 1       Device protection [Electrical     Electrical default       Device protection [Electrical     Electrical default       Mounting avt     M12 x 1       Device protection [Electrical     Electrical default       Material housing     PBT       Hadrishousing     PBT       Mechanical data   Material data     Material housing       Using residuates     Electrical default       Mounting data	ECLASS-11.1	27440108
customs tariff number     8544420       GTM     40487904285       Packaging unit     1       Electrical data   Supply     Operating voltage DC       Operating voltage DC min.     18 V       Operating voltage DC min.     30 V       Current operating voltage DC min.     8 A       Total current at 1 time current fleed in max.     8 A       Total current at 2 times current fleed in max.     8 A       Total current at 2 times current fleed in max.     8 A       Total current at 2 times current fleed in max.     8 A       Total current at 2 times current fleed in max.     8 A       Modurital geat     M12 X 1       Device protection   Electrical     Electrical       Begree of protection   Electrical     Electrical Connection       Additional condition protection dogree     Installed I Connection       Additional condition protection dogree     Installed I Connection   Electrical Conection   Electrical Connection   Electrical   Elec	ECLASS-12.0	27440108
GTN 4048879064255   Packaging unit 1   Electrical dias   Supply    Operating voltage DC 24 V   Operating voltage DC max. 30 V   Current operating per contact max. 4 A   Total current 12 time current fleed-in max. 8 A   Total current 12 time current fleed-in max. 8 A   Industrial connunciation    Number of signals per port 2   Tightning torque 0,6 Nm   Maurity Stat M12 x 1   Device protection   Electrical    Device protection   Electrical    Device protection   Modia    Filme resistance fame restance   Filme resistance fame restance   Height 125 mm   Width 50.2 mm   Urght in protection [ Modia    Favoremental Characteristics   Climatic    Generality interportune max. 80 °C   Additional condition intergenet max. 80 °C   Additional Characteristics   Climatic    Device protection   Modia 50.2 mm   Urght 125 mm   Width 50.2 mm   Departing voltage max. 80 °C   Additional condition temperature may. 80 °C	ETIM-5.0	EC002585
Packaging unit   1     Electrical datal Supply	customs tariff number	85444290
Electrical data   Supply       Operating voltage DC min.     24 V       Operating voltage DC min.     30 V       Operating voltage DC max.     4 A       Total current 11 time current leed-in max.     4 A       Industrial communication     Industrial communication       Industrial communication Communication     Industrial communication       Mumber of signals per port     2       Installation [Connection     Industrial communication       Mounting set     M12 x 1       Device protection [Electrical     Inserted, screwed       Device protection [Rectinal     Inserted, screwed       Device protection [Media     Inserted, screwed       Berrier data data   Material data     Material housing     PBT       Mechanical data   Mounting data     Inserted, screwed       Deputing temperature min.     125 mm       Width     50.2 mm       Deputing temperature min.     20 °C       Operating temperature min.     40 °C       Operating temperature min.	GTIN	4048879064255
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 at 2 times current feed-in max.     8 A       Total current at 2 times current feed-in max.     16 A       Industrial communication     Industrial communication       Total current at 2 times current feed-in max.     16 A       Installation   Connection     2       Installation   Connection     1       Operating set     M12 x 1       Ovice protection   Electrical     2       Degree of protection (EN IEC 60289)     1P65, IP67       Additional condition protection degree     inserted, screwed       Device protection   Media     1       Hear Incursing     PBT       Mechanical data   Mounting data     1       Height     125 mm       Vidth     50.2 mm       Deparature min.     60 °C       Operating temperature mix.     80 °C       Additional condition temperature range     depending on cable quality       Installation   Cable     20 °C       Oper	Packaging unit	1
Operating voltage DC min.     18 V       Operating voltage DC max.     30 V       Ourrent gear lange per contact max.     8 A       Total current at 1 time current leed-in max.     16 A       Industrial communication     Industrial communication       Number of signals per port     2       Installation   Connection     Installation   Connection       Tightening torque     0.6 Nm       Mounting set     M12 x 1       Device protection   Electrical     Insertial. screwed       Degree of protection (EN EC 60529)     IP65, IP67       Additional condition protection dagree     Insertial. screwed       Machinal condition protection dagree     Insertial. Screwed       Device protection (EN EC 60529)     IP65, IP67       Additional condition protection dagree     Insertial. Screwed       Device protection (Media     Immediation ICC 60529)       Height     125 mm       Virith     50.2 mm       Depth     17 mm       Extromental characteristics [ Climatio       Operating lemperature min.     20 °C       Operating lemperature min.     20 °C       Operating lemperature min.	Electrical data   Supply	
Operating voltage DC max.     30 V       Current operating per contact max.     4 A       Total current at 1 time current foed-in max.     8 A       Total current at 2 times current feed-in max.     8 A       Industrial communication     16 A       Number of signals per port     2       Installation (Connection     1       Tightening torque     0.6 Nm       Mounting set     M12 x 1       Device protection (FN EC 60529)     1 P65, 1P67       Additional condition protection degree     inserted, screwed       Device protection (NMEG     1       Mechanical data   Material data     1       Mechanical data   Material data     1       Mechanical data   Muunting data     1       Height     1 25 mm       Writh     50,2 mm       Deparating temperature max.     80 °C       Operating temperature max.     80 °C       Addition temperature max.     80 °C       Addition (Streege Color)     13 m       Visith     50,2 mm       Depth     17 mm       Environmental characteriatis   Climatic       Operating tem	Operating voltage DC	24 V
Current operating per contact max.   4 A     Total current 1 time current teed-in max.   8 A     Total current at 2 times current teed-in max.   16 A     Industrial communication   2     Installation I Connection   2     Tightening torque   0,6 Nm     Mounting set   M12 x 1     Device protection [Electrical   2     Degree of protection (Electrical screwed)   2     Device protection [Netical screwed]   2     Pair resistance   flame retardant     Mechanical data [Material data   4     Matrial housing   PBT     Mechanical data [Material data   4     Width   50.2 mm     Depriting temperature min.   -20 °C     Operating temperature min.   -20 °C </td <td>Operating voltage DC min.</td> <td>18 V</td>	Operating voltage DC min.	18 V
Total current at 1 time current feed-in max.   8 A     Industrial communication   16 A     Industrial communication   1     Number of signals per port   2     Installation   Connection   1     Total current at 2 times current feed-in max.   18 A     Mounting set   0.6 Nm     Mounting set   M12 x 1     Device protection   Electrical   10     Device protection   Electrical   10     Device protection   Media   11     Flame resistance   flame rotardant     Machanical data   Material data   10     Material housing   PBT     Mechanical data   Mounting data   125 mn     Width   50,2 mm     Depriting temperature max.   80 °C     Additional condition temperature may.   80 °C     Additional condition temperature may.   40 °C     Operating temperature may.   80 °C     Additional condition temperature may.   40 °C     Cable identification   396     Jacket Color   gray     Type of Cartification   396     Jacket Color   gray     Type of Car	Operating voltage DC max.	30 V
Total current at 2 times current feed-in max.   16 A     Industrial communication   Installation   Connection     Installation   Connection   0.6 Nm     Mounting set   M12 x 1     Device protection   Electrical   Electrical     Degree of protection (EN IEC 60529)   IP65, IP67     Additional condition protection degree   inserted, screwed     Device protection   Media   Image: Streme	Current operating per contact max.	4 A
Industrial communication       Number of signals per port     2       Installation   Connection     Installation   Connection       Tightening torque     0.6 Nm       Mounling set     M12 x 1       Device protection   Electrical     Device protection   Electrical       Device protection   Media     Inserted, screwed       Device protection   Media     Flame restardant       Mechanical data   Material data     Mechanical data   Material data       Mechanical data   Material data     PBT       Mechanical data   Material data     Height       Vielth     50.2 mm       Depth     17 mm       Depth     17 mm       Depth     20 °C       Operating temperature min.     -20 °C	Total current at 1 time current feed-in max.	8 A
Number of signals per port     2       Installation   Connection     Installation   Connection       Tightning set     M12 x 1       Device protection   Electrical     Inserted, screwed       Device protection   Relief CoS29)     IP65, IP67       Additional condition protection degree     inserted, screwed       Device protection   Media     Image: Screwed       Device protection   Media     Image: Screwed       Mechanical data   Meterial data     Meterial data       Meterial housing     PBT       Mechanical data   Mounting data     PBT       Height     125 mm       Vidth     502 mm       Depth     17 mm       Environmental characteristics   Climatic     Concolimation       Operating temperature max.     80 °C       Additional condition temperature max.     80 °C       Cable identification     396       Jacket Color     gray       Type of Conflicate     CuFus, CSA       Amount stranding     1       Stranding     6 wires around Core filler twisted       Amount stranding (type 2)     12 wires around Stranding combination twisted <t< td=""><td>Total current at 2 times current feed-in max.</td><td>16 A</td></t<>	Total current at 2 times current feed-in max.	16 A
Installation (Connection       Tightening torque     0.6 Nm       Mounting set     M12 x 1       Device protection   Electrical     Electrical       Degree of protection (EN IEC 60529)     IP65, IP67       Additional condition protection degree     inserted, screwed       Device protection   Media     Image: Screwed       Partice protection   Media     Image: Screwed       Material housing     PBT       Mechanical data   Material data     Material housing       Mechanical data   Mounting data     Height       Height     125 mm       Width     50,2 mm       Depth     17 mm       Environmental characteristics   Climatic       Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality       Installation   Cable     Cable identification       396     Jasket Color     gray       Type of Certificate     cURus, CSA       Anount stranding     6 wires around Core filler twisted       Anount stranding     6 wires around Stranding combination twisted       Banding     Fleece       Fillier<	Industrial communication	
Tightening torque     0,6 Nm       Mounting set     M12 x 1       Device protection   Electrical        Degree of protection (EN IEC 60529)     IP65, IP67       Additional condition protection degree     inserted, screwed       Device protection   Media     inserted, screwed       Device protection   Media     flame retardant       Machanical data   Material data     material housing       Matchanical data   Material data     PBT       Matchanical data   Mounting data     Height       Vidth     50,2 mm       Depth     17 mm       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     -20 °C       Operating temperature max     80 °C	Number of signals per port	2
Tightening torque     0,6 Nm       Mounting set     M12 x 1       Device protection   Electrical        Degree of protection (EN IEC 60529)     IP65, IP67       Additional condition protection degree     inserted, screwed       Device protection   Media     inserted, screwed       Device protection   Media     flame retardant       Machanical data   Material data     material housing       Matchanical data   Material data     PBT       Matchanical data   Mounting data     Height       Vidth     50,2 mm       Depth     17 mm       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     -20 °C       Operating temperature max     80 °C	Installation   Connection	
Mounting set     M12 x 1       Device protection   Electrical     IP65, IP67       Additional condition protection degree     inserted, screwed       Device protection   Media     Imme restance       Flame resistance     flame restance       Material housing     PBT       Mechanical data   Material data     Material housing       Material housing     PBT       Mechanical data   Mounting data     Height       Height     125 mm       Width     50.2 mm       Depth     17 mm       Environmental characteristics   Climatic       Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality       Installation   Cable     Cable identification       Jacket Color     gray       Type of Certificate     cURsis, CSA       Amount stranding     1       Stranding     6 wires around Stranding combination twisted       Amount stranding (type 2)     1       Stranding (type 2)     1       Stranding (type 2)     1       Stranding (type 2)     1       Stranding		0.6 Nm
Device protection   Electrical       Degree of protection (EN IEC 60529)     IP65, IP67       Additional condition protection degree     inserted, screwed       Device protection   Media     Image: Comparison of Co		-
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     PBT     Material housing     PBT       Mechanical data   Mounting data     Flame resistance     Flame resistance     Flame resistance       Methanical data   Mounting data     Flame resistance     Flame resistance     Flame resistance       Mechanical data   Mounting data     Flame resistance     Flame resistance     Flame resistance       Methanical data   Mounting data     Flame resistance     Flame resistance     Flame resistance       Width     50.2 mm     Flame resistance     Flame resistance     Flame resistance       Operating temperature min.     -20 ° C     Operating temperature max.     80 ° C       Additional condition temperature range     depending on cable quality     Installation   Cable       Gable identification     396     Jacket Color     gray       Type of Certificate     culRus, CSA     Amount stranding     I       Stranding (type 2)     1     Stranding (type 2)     1		
Additional condition protection   Media     Flame resistance   flame retardant     Mechanical data   Material data     Material housing   PBT     Mechanical data   Mounting data     Height   125 mm     Width   50,2 mm     Depth   17 mm     Environmental characteristics   Climatic     Operating temperature min.   -20 °C     Operating temperature max.   80 °C     Additional condition temperature range   depending on cable quality     Installation   Cable   Cable identification     Type of Certificate   cURus, CSA     Amount stranding   1     Stranding (type 2)   1     Stranding (type 2)   1     Stranding (type 2)   1     Flier   yes     Wire arrangement   gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow, yello	· ·	
Device protection   Media     Flame resistance   flame retardant     Mechanical data   Material data     Material housing   PBT     Mechanical data   Mounting data     Height   125 mm     Width   50.2 mm     Depth   17 mm     Environmental characteristics   Climatic     Operating temperature min.   -20 °C     Operating temperature max.   80 °C     Additional condition temperature range   depending on cable quality     Installation   Cable		
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Mechanical data   Material dataMaterial housingPBTMechanical data   Mounting dataHeight125 mmWidth50.2 mmDepth17 mmEnvironmental characteristics   ClimaticOperating temperature min20 °COperating temperature max.80 °CAdditional condition temperature rangedepending on cable qualityInstallation   CableCCable identification396Jacket ColorgrayType of CertificatecURus, CSAAmount stranding1Stranding (type 2)1Stranding (type 2)12 wires around Stranding combination twistedBandingFleeceFilleryeswire arrangementgray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-green, white)Cable weigth143 g/m	Device protection   Media	
Material housingPBTMechanical data   Mounting dataHeight125 mmVidth50,2 mmDepth17 mmEnvironmental characteristics   ClimaticOperating temperature min20 °COperating temperature max.80 °CAdditional condition temperature rangedepending on cable qualityInstallation   CableCable identification396Jacket ColorgrayType of CertificatecURus, CSAAmount stranding1Stranding6 wires around Core filler twistedAmount stranding (type 2)1StrandingFleeceFilleryeswire arrangementgray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow, white)Cable weigth143 g/m	Flame resistance	flame retardant
Mechanical data   Mounting dataHeight125 mmWidth50,2 mmDepth17 mmEnvironmental characteristics   ClimaticOperating temperature min20 °COperating temperature max.80 °CAdditional condition temperature rangedepending on cable qualityInstallation   CableCable identification396Jacket ColorgrayType of CertificatecURus, CSAAmount stranding1Stranding6 wires around Core filler twistedAmount stranding (type 2)1StrandingFleeceFilleryeswire arrangementgray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yeren, black, violet, (brown, blue, brown-gray, gray-white, brown-yeren, white)Cable weigth143 g/m	Mechanical data   Material data	
Height125 mmWidth50.2 mmDepth17 mmEnvironmental characteristics   ClimaticOperating temperature min20 °COperating temperature max.80 °CAdditional condition temperature rangedepending on cable qualityInstallation   CableCable identification396Jacket ColorgrayType of CertificatecURus, CSAAmount stranding1Stranding (type 2)1Stranding (type 2)12 wires around Stranding combination twistedBadingFleeceFilleryeswire arrangementgray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-green, white)Cable weigth143 g/m	Material housing	PBT
Width50,2 mmDepth17 mmEnvironmental characteristics   ClimaticOperating temperature min20 °COperating temperature max.80 °CAdditional condition temperature rangedepending on cable qualityInstallation   CableCable identification396Jacket ColorgrayType of CertificatecURus, CSAAmount stranding1Stranding6 wires around Core filler twistedAmount stranding (type 2)1StrandingFleeceFilleryeswire arrangementgray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-grelow, yellow, yrelow-white, red, pink, gray, yellow, green, white)	Mechanical data   Mounting data	
Width50,2 mmDepth17 mmEnvironmental characteristics   ClimaticOperating temperature min20 °COperating temperature max.80 °CAdditional condition temperature rangedepending on cable qualityInstallation   CableCable identification396Jacket ColorgrayType of CertificatecURus, CSAAmount stranding1Stranding6 wires around Core filler twistedAmount stranding (type 2)1StrandingFleeceFilleryeswire arrangementgray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-grelow, yellow, yrelow-white, red, pink, gray, yellow, green, white)	Height	125 mm
Depth   17 mm     Environmental characteristics   Climatic     Operating temperature min.   -20 °C     Operating temperature max.   80 °C     Additional condition temperature range   depending on cable quality     Installation   Cable     Cable identification   396     Jacket Color   gray     Type of Certificate   cURus, CSA     Amount stranding   1     Stranding   6 wires around Core filler twisted     Amount stranding (type 2)   1     Stranding (type 2)   12 wires around Stranding combination twisted     Banding   Fleece     Filler   yes     wire arrangement   gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow, yellow, green, white)		
Environmental characteristics   ClimaticOperating temperature min20 °COperating temperature max.80 °CAdditional condition temperature rangedepending on cable qualityInstallation   CableCable identification396Jacket ColorgrayType of CertificatecURus, CSAAmount stranding1Stranding6 wires around Core filler twistedAmount stranding (type 2)1StrandingFleeceFilleryeswire arrangementgray-prink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow, yellow, gray, yellow, green, white)Cable weigth143 g/m		
Operating temperature min20 °COperating temperature max.80 °CAdditional condition temperature rangedepending on cable qualityInstallation   CableCable identification396Jacket ColorgrayType of CertificatecURus, CSAAmount stranding1Stranding6 wires around Core filler twistedAmount stranding (type 2)1StrandingFleeceFilleryeswire arrangementgray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)Cable weigth143 g/m		
Operating temperature max.   80 °C     Additional condition temperature range   depending on cable quality     Installation   Cable		
Additional condition temperature range   depending on cable quality     Installation   Cable     Cable identification   396     Jacket Color   gray     Type of Certificate   cURus, CSA     Amount stranding   1     Stranding   6 wires around Core filler twisted     Amount stranding (type 2)   1     Stranding (type 2)   12 wires around Stranding combination twisted     Banding   Fleece     Filler   yes     wire arrangement   gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)     Cable weigth   143 g/m		
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Stranding6 wires around Core filler twistedAmount stranding (type 2)1Stranding (type 2)12 wires around Stranding combination twistedBandingFleeceFilleryeswire arrangementgray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-gr		
Amount stranding (type 2)   1     Stranding (type 2)   12 wires around Stranding combination twisted     Banding   Fleece     Filler   yes     wire arrangement   gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-gr		
Stranding (type 2)   12 wires around Stranding combination twisted     Banding   Fleece     Filler   yes     wire arrangement   gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-gray, g		
Banding     Fleece       Filler     yes       wire arrangement     gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown- yellow, yellow-white, red, pink, gray, yellow, green, white)       Cable weigth     143 g/m		
Filler     yes       wire arrangement     gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown- yellow, yellow-white, red, pink, gray, yellow, green, white)       Cable weigth     143 g/m		
wire arrangementgray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown- yellow, yellow, yellow, green, white)Cable weigth143 g/m		
whe analyzement yellow, yellow-white, red, pink, gray, yellow, green, white)   Cable weigth 143 g/m	1 11121	
		yellow, yellow-white, red, pink, gray, yellow, green, white)
Material jacket PUK		-
	Material jacket	PUK

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Shore hardness jacket	89 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Outer-diameter (jacket)	10,4 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	TPE-E
Amount wires	16
Outer diameter insulation	1,5 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0.34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Material wire insulation (Data)	TPE-E
Outer diameter wire insulation (Data)	1,8 mm
Tolerance outer diameter wire insulation (data)	±5%
Shore hardness wire insulation (Data)	55 ± 5 Shore D
Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free
Amount wires (Data)	2
Amount strands wire (Data)	42
Diameter of single wires (Data)	0,15 mm
Conductor crosssection wire (Data)	0.75 mm <sup>2</sup>
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Max. rated voltage (conductor - conductor)	300 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Current load capacity min. Wire (Data)	12 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Data)	26 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)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	7,5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Connection type 2	
Family construction form	free cable end
Color contact carrier	gray
No. of poles	17
Family construction form	M12

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Gender	female	
Color contact carrier	black	
Coding	А	
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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