

## PASSIVE-DIO° PLASTIC,4XM12,5POL,PRE-WIRED CABLE

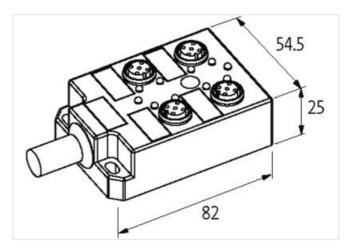
10.0m PUR-JB 8\*0,34+3\*0,75

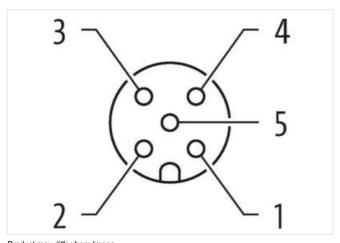
4-way, 5-pole PUR/PVC 10.0 m with LED for digital PNP-signals 24 V DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

## **Link to Product**

## Illustration







Product may differ from Image

Commercial data		
ECLASS-6.0	27279219	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	
ECLASS-9.0	27440108	
ECLASS-10.1	27440108	
ECLASS-11.1	27440108	
ECLASS-12.0	27440108	

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stay connected

Electrical data   Supply         24 V           Operating port contact max.         4 A           Total current max.         10 A           Industrial communication         Industrial communication           Number of signals per port         2           Installation   Connection         Installation   Connection           Device protection   Electrical         Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         Instread, screwed           Mechanical data   Mounting data         MERITARIA (Mounting data           Width         54,5 mm           Depth         25 mm           Environmental characteristics   Climatic         Operating temperature min.         20 °C           Operating temperature max.         80 °C           Installation   Cable         STOOW style jacket         Hybrid, Signal, Power           Cable indinication         363           Stranding (yee)         2           Jacket Color         gray           Type of Certificate         current with	ETIM-5.0	EC002585
Fackaging unit         1           Electrical data (Supply)           Current peading per conteat max.         4 A           Colspan="2">Current peading per conteat max.         10 A           Industrial communication         Number of signals per port           Number of signals per port         2           Installation   Connection         MI2 x 1           Degree of protection   Electrical           Degree of protection   Electrical           Degree of protection   Electrical           Degree of protection   Electrical           Mechanical data   Mounting data           Mounting method         Schraubgewinde           Height         82 mm           Environmental characteristics   Climatic           Operating sproprature max.         80 °C           Environmental characteristics   Climatic           Operating sproprature max.         80 °C           Environmental characteristics   Climatic           Environmental characteristics   Climatic           Environmental characteristics   Climatic           Environmental characteristics   Climatic           Environmental characteristics   Climatic <th< td=""><td>customs tariff number</td><td>85444290</td></th<>	customs tariff number	85444290
Electrical data   Supply         Operating voltage DC         24 V           Current operating per contact max.         4 A           Total current max.         10 A           Industrial communication         Industrial communication           Number of signals per port         2           Installation   Connection         Mounting set           Mounting per port colon   Electrical         Processor   Proceeding   Processor	GTIN	4048879062992
Operating voltage DC         24 V           Current operating per contract max.         4 A           Total current max.         10 A           Industrial communication         V           Number of signals per port         2           Installation   Connection         M12 x 1           Device protection   Electrical         PP           Degree of protection   Electrical         PP67           Additional condition protection degree         Inserted, screwed           Mechanical data   Mounting data         Mounting method           Mechanical data   Mounting data         Schnaubgewinde           Width         54,5 mm           Depth         25 mm           Environmental characteristics   Climatic         Coperating temperature max.           Departing temperature max.         80 °C           Installation   Cable         Signal, Power           Cable indeptracture max.         90 °C           Installation   Cable         333           Cable indeptracture max.         90 °C           Installation   Cable         19 brid, Signal, Power           Cable indeptracture max.         90 °C           Installation   Cable         19 brid, Signal, Power           Cable indeptracture max.         90 °C <td< td=""><td>Packaging unit</td><td>1</td></td<>	Packaging unit	1
Operating voltage DC         24 V           Current operating per contract max.         4 A           Total current max.         10 A           Industrial communication         V           Number of signals per port         2           Installation   Connection         M12 x 1           Device protection   Electrical         PP           Degree of protection   Electrical         PP67           Additional condition protection degree         Inserted, screwed           Mechanical data   Mounting data         Mounting method           Mechanical data   Mounting data         Schnaubgewinde           Width         54,5 mm           Depth         25 mm           Environmental characteristics   Climatic         Coperating temperature max.           Departing temperature max.         80 °C           Installation   Cable         Signal, Power           Cable indeptracture max.         90 °C           Installation   Cable         333           Cable indeptracture max.         90 °C           Installation   Cable         19 brid, Signal, Power           Cable indeptracture max.         90 °C           Installation   Cable         19 brid, Signal, Power           Cable indeptracture max.         90 °C <td< td=""><td>Electrical data   Supply</td><td></td></td<>	Electrical data   Supply	
Ournet operating per contact max.         10 A           Total current max.         10 A           Industrial communication         Including Communication           Number of signals per pert         2           Installation   Connection         Installation   Connection   Connection		24.V
Total current max		
Industrial communication         Industrial communication           Number of signals per port         2           Installation Connection         M12 x 1           Device protection [EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Mechanical data [Mounting data         Webchanical data [Mounting data           Mechanical data [Mounting data         Webchanical data [Mounting data           Width         54.5 mm           Depth         25 mm           Environmental characteristics [Climatic           Operating temperature min.         20 °C           Operating temperature max.         80 °C           Cable Stroke [Acide identification]         363           Cable (identification)         363 <td></td> <td></td>		
Number of signals per port         2           Installation   Connection           Mounting set         M12 x 1           Degree of protection (Electrical)         Post Protection (Electrical)           Degree of protection (EN IEC 6052s)         IP67           Additional condition protection degree         inserted, screwed           Mechanical data   Mounting data         Mounting method           Mechanical data   Mounting data         Mechanical data   Mounting data           Width         54,5 mm           Depth         25 mm           Environmental characteristics   Climatic         Climatic           Operating temperature min.         40 °C           Operating temperature min.         40 °C           Operating temperature max.         80 °C           Institution   Cable         STOOW style jacket         Hybrid, Signal, Powor           Cable identification         363         3           Cable identification         363         3<		10 A
Installation   Connection   Mil2 x 1		
Mounting set         M12 x 1           Device protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Mechanical data   Mounting data         Mounting method           Height         82 mm           Under Michanical characteristics   Climatic         Commendation of the protection of the protecti	Number of signals per port	2
Device protection (EN IEC 60829)         IP67           Additional condition protection degree         inserted, screwed           Mechanical date   Mounting date         Mechanical date   Mounting method         Schraubgewinde           Height         82 mm         Mounting method         Schraubgewinde           Bepth         25 mm         Mounting method         Sch 5 mm           Pepth         25 mm         Mounting method         Sch 5 mm           Stood pepth dependence max         80 °C         Cold 5 mm           Stood pepth dependence max         80 °C         Cold 5 mm           Stood Stood pepth dependence max         81 stood 5 mm         Sch 5 mm           Stood Type of Certificate         Culfus	Installation   Connection	
Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Mechanical datal Mounting data         Schraubgewinde           Height         82 mm           Width         54,5 mm           Depth         25 mm           Environmental characteristics   Climatic         Very Company of the program of the prog	Mounting set	M12 x 1
Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Mechanical datal Mounting data         Schraubgewinde           Height         82 mm           Width         54,5 mm           Depth         25 mm           Environmental characteristics   Climatic         Very Company of the program of the prog	Device protection   Electrical	
Additional condition protection degree         inserted, screwed           Mechanical data   Mounting method         Schraubgewinde           Height         82 mm           Width         54,5 mm           Dopth         20 mm           Width         54,5 mm           Dopth         20 mm           Environmental characteristics   Climater           Coperating temperature min.         20 °C           Operating temperature max.         80 °C           Installation   Cable         Temperature max.         80 °C           STOOM style jacket         Hybrid, Signal, Power           Cable identification         363           Cable identification         363           Cable identification         363           Cable of Type         2           Jacket Cobor         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         2 wires with Filler Invisted           Amount stranding (type 2)         9 wires around Stranding combination twisted           Cable shielding (type)         copper braiding, bare           Cable shielding (type)         copper braiding, bare           Cable shielding (type)         pus		ID67
Mounting method         Schraubgewinde           Height         82 mm           Width         54,5 mm           Depth         25 mm           Environmental characteristics   Climatte           Operating temperature min.         20 °C           Operating temperature max.         80 °C           Installation   Cable         Whird, Signal, Power           Cable identification         363           Cable identification         363           Cable identification         363           Cable Type         2           Jackel Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding (type 2)         1           Stranding (type 2)         1           Stranding (type 2)         9 wires around Stranding combination twisted           Cable shielding (type)         coppor braiding, bare           Cable shielding (type)         coppor braiding, bare           Cable shielding (coverage)         85 %           Filler         yes           wire arrangement         white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)           Cable weight         143 gm		
Mounting method         Schraubgewinde           Height         82 mm           Width         54,5 mm           Depth         25 mm           Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Toptalitation   Cable         Verification           STOOM style jacket         Hybrid, Signal, Power           Cable identification         363           Cable identification         363           Cable identification         363           Cable Strong         L           Type of Certificate         Cuffus           Amount stranding         1           Stranding         2 wires with Filler twisted           Amount stranding (type 2)         9 wires around Stranding combination twisted           Cable shielding (type)         opport braiding, bare           Cable shielding (type)         opport braiding, bare           Cable shielding (type)         opport braiding, bare           Cable weight         143 gm           Material jacket         PUR           S		
Height         82 mm           Width         54.5 mm           Depth         25 mm           Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Installation   Cable         Total properature max.           STOOW style jacket         Hybrid, Signal, Power           Cable identification         363           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 2)         9 wires around Stranding combination twisted           Cable shielding (coverage)         85 %           Filler         yes           wire arrangement         white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)           Cable weight         14	, ,	
Width         54,5 mm           Depth         25 mm           Environmental characteristics   Climatic         20 °C           Operating temperature min.         20 °C           Operating temperature max.         80 °C           Installation   Cable         Western the programment of the programment o		
Depith         25 mm           Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Installation   Cable           STOOW style jacket         Hybrid, Signal, Power           Cable identification         363           Cable Officeriticate         2           Jacket Color         gray           Type of Certificate         CURus           Amount stranding         1           Stranding (Mype 2)         2           Stranding (type 2)         9 wires around Stranding combination twisted           Cable shielding (type)         copper braiding, bare           Cable shielding (coverage)         85 %           Filler         yes           View are arrangement         white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)           Cable weight         143 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         145 desfree, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         97 ± 5 Shore A           Treadment (jacket)         97 €           Outer-diameter (jacke		
Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Installation   Cable           STOOW style jacket         Hybrid, Signal, Power           Cable identification         363           Cable 17ype         2           Jacket Color         gray           Type of Certificate         CURus           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 arrangement         white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)           Cable weigh         143 g/m           Material jacket         PUR           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           Tolorer (inner jacket)         gray           Material inner jacket         PVC           Color (inner jac		- 17
Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Installation   Cable           STOOW style jacket         Hybrid, Signal, Power           Cable Identification         363           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding (ype 2)         1           Stranding (type 2)         9 wires around Stranding combination twisted           Cable shielding (type)         copper braiding, bare           Cable shielding (coverage)         85 %           Filler         yes           wire arrangement         white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)           Cable weigth         143 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         9.1 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Color (inner jacket)         gray           Material wir	Depth	25 mm
Operating temperature max.         80 °C           Installation   Cable           STOOW style jacket         Hybrid, Signal, Power           Cable (dentification)         363           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           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 (coverage)         85 %           Filler         yes           wire arrangement         white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)           Cable shield jacket         PUR           Material jacket         PUR           Shore hardness jacket         PT ± 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 wire insulation         PVC           Color (inner jacket)         gray           Material wire insulation         1,3 mm           Outer dia	Environmental characteristics   Climatic	
Installation   Cable           STOOW style jacket         Hybrid, Signal, Power           Cable identification         363           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           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 (coverage)         85 %           Filler         yes           wire arrangement         white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)           Cable weight         143 g/m           Material jacket         PUR           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	Operating temperature min.	-20 °C
STOOW style jacket         Hybrid, Signal, Power           Cable identification         363           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           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 (coverage)         85 %           Filler         yes           wire arrangement         white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)           Cable weight         143 g/m           Material jacket         PUR           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	Operating temperature max.	80 °C
Cable Intype         2           Jacket Color         gray           Type Of Certificate         cURus           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 (coverage)         85 %           Filler         yes           wire arrangement         white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)           Cable weigth         143 g/m           Material jacket         PUR           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           Color (inner jacket)         gray           Material wire insulation         1,3 mm           Outer diameter tolerance core insulation         ± 5 %	Installation   Cable	
Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           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 (coverage)         85 %           Filler         yes           wire arrangement         white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)           Cable weight         143 g/m           Material jacket         PUR           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 tolerance core insulation         1,3 mm           Outer diameter tolerance core insulation         ± 5 Shore	STOOW style jacket	Hybrid, Signal, Power
Jacket Color         gray           Type of Certificate         cURus           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 (coverage)         85 %           Filler         yes           wire arrangement         white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)           Cable weigth         143 g/m           Material jacket         PUR           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 tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D	Cable identification	363
Type of Certificate cURus  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 (coverage) 85 %  Filler yes  wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)  Cable weigth 143 g/m  Material jacket PUR  Shore hardness jacket 87 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 81,1 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	Cable Type	2
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 (coverage) 85 %  Filler yes wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)  Cable weigth 143 g/m  Material jacket PUR  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	Jacket Color	gray
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 (coverage)         85 %           Filler         yes           wire arrangement         white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)           Cable weigth         143 g/m           Material jacket         PUR           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	Type of Certificate	cURus
Amount stranding (type 2)  Stranding (type 2)  9 wires around Stranding combination twisted  Cable shielding (type)  copper braiding, bare  Cable shielding (coverage)  85 %  Filler  yes  wire arrangement  white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)  Cable weigth  143 g/m  Material jacket  PUR  Shore hardness jacket  87 ± 5 Shore A  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Material inner jacket  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	Amount stranding	1
Stranding (type 2) 9 wires around Stranding combination twisted  Cable shielding (type) copper braiding, bare  Cable shielding (coverage) 85 %  Filler yes wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)  Cable weigth 143 g/m  Material jacket PUR  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 rolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D	Stranding	2 wires with Filler twisted
Cable shielding (type)       copper braiding, bare         Cable shielding (coverage)       85 %         Filler       yes         wire arrangement       white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)         Cable weigth       143 g/m         Material jacket       PUR         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	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)         Cable weigth       143 g/m         Material jacket       PUR         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	Stranding (type 2)	9 wires around Stranding combination twisted
Filler yes wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)  Cable weigth 143 g/m  Material jacket PUR  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	Cable shielding (type)	copper braiding, bare
wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)  Cable weigth 143 g/m  Material jacket PUR  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		85 %
Cable weigth     143 g/m       Material jacket     PUR       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	Filler	•
Material jacket       PUR         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	wire arrangement	white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)
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		<del>-</del>
Freedom from ingredients (jacket)  Outer-diameter (jacket)  8,1 mm  Tolerance outer diameter (sheath)  45 %  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  43 ± 5 Shore D		
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	·	87 ± 5 Shore A
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	Freedom from ingredients (jacket)	
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		
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 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		PVC
Amount wires 8 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D		
Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D		
Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D	Amount wires	
Shore hardness wire insulation 43 ± 5 Shore D		
Material properties wire insulation good machinability		
	Material properties wire insulation	good machinability



stay connected

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 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3
Material wire insulation (Power)	
	PVC
Outer diameter wire insulation (Power)  Tolerance outer diameter wire insulation	1,8 mm
(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 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
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
Loop resistance	7,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	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)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °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	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	2 Mio. @ 25 °C
Connection type 2	
Family construction form	free cable end
Family construction form  No. of poles	tree cable end
No. of poles	
•	11
No. of poles Family construction form	11 M12 female
No. of poles Family construction form Gender Color contact carrier	11 M12 female black
No. of poles Family construction form Gender Color contact carrier Coding	11 M12 female black A
No. of poles Family construction form Gender Color contact carrier Coding No. of poles	11 M12 female black A 5
No. of poles Family construction form Gender Color contact carrier Coding No. of poles PIN 1	11 M12 female black A 5
No. of poles Family construction form Gender Color contact carrier Coding No. of poles PIN 1 PIN 2	11 M12 female black A 5 + NC S 2
No. of poles Family construction form Gender Color contact carrier Coding No. of poles PIN 1 PIN 2 PIN 3	11 M12 female black A 5 + NC S 2
No. of poles Family construction form Gender Color contact carrier Coding No. of poles PIN 1 PIN 2	11 M12 female black A 5 + NC S 2