

## PASSIVE-DIO° PLASTIC,6XM12.4POL,PRE-WIRED CABLE

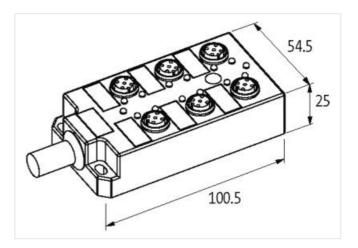
10.0m PUR-JB 6\*0,34+3\*0,75

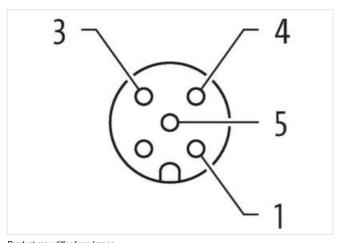
6-way, 4-pole PUR/PVC 10.0 m with LED for digital PNP-signals 24 V DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

## **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	

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: 2024-05-02



stay connected

	ETIM-5.0	EC002585
Application   1   1   1   1   1   1   1   1   1	customs tariff number	85444290
	GTIN	
Electrical data   Supply         Quartal poparating potendata max.         4 A           Courtent operating per contract max.         10 A           Industrial communication         Invalidation   Connection           Mounted posting part port         1           Installation   Connection         Invalidation   Connection   Electrical           Degree of protection (EN IEC 66529)         IP67           Additional condition protection degree         Installation   Connection   Electrical           Mounting method         Schraubgewinde           Height         100.5 mm           Mounting method         54.5 mm           Degree         100.5 mm           Width         54.5 mm           Degree         69.7 mm           Powerang temperature min.         -20.10 Connection           Operating temperature min.         -20.10 Connection           Operating temperature min.         -20.10 Connection           Cable identification         355           Cable identification         355           Cable identification         97.9 Contricted           Type of Contricted         197.9 Sprink, Sprink, Power           Amount stranding         1           Stranding (yee)         -0.9 Per Sprink, Sprink, Power           Cable weight		
Operating voltage DC         24 V           Current operating per content max.         4 A           Total current max.         10 A           Industrial communication         Intractalistic operation of signals per port           Municip set         M12 x 1           Device protection   Electrical         Device protection   Electrical           Degree of protection of protection degree         inserted, screwed           Mechanical data   Mounting data         Mounting method           Mounting method         54,5 mm           Holgit         100.5 mm           Width         54,5 mm           Deporting temperature max.         80 °C           Installation (Cable         20 °C           Cable Interflectation         355           Cable Imperature max.         80 °C           Installation (Cable Type         2           Scale Interflectation         355           Cable Imperature max.         90 °C           Installation (Cable Color         9my           Scale Interflectation         355           Cable Imperature max.         90 °C           Installation (Cable Color         9my           Scale Interflectation         555           Cable Imperiture (Cable Spital, Prover)         9my		
Courrent spensing per contact max. 10 A Total current max. 10 A Industrial communication Number of signals per port 1 Installation   Connection Mounting set M12 x 1 Device protection   Electrical Degree of protection   Electrical Degree of protection   Electrical Degree of protection protection degree insented, sorewed Mechanical data   Mounting data Mounting method   Schraubgewinde Height   100.5 mm Width   54.5 mm Degith   54.5 mm Degith   50.5 mm Width   54.5 mm Degith   50.0 mm		24.1/
Total current max  Industrial communication  Number of signals per port  Installation   Connection  Mounting set		
Industrial communication Number of signals par port Installation   Connection Mounting set Degree of protection   Electrical Mounting method Schraubgewinde Height 100,5 mm  Wordh 54,5 mm Degree   St mm  Environmental characteristics   Climatic United   Environmental characteristics   Climatic Degree of presenture min. Operating temperature		
		10 A
Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Device protection   Electrical  Device protection (EM IEC 66529)   IP67  Additional condition protection degree inserted, screwed  Mechanical data   Mounting data  Mucuning method   Schraubgewinde  Height   100,5 mm  Worth   54,5 mm  Deopth   25 mm  Environmental characteristics   Climatic  Deprating temperature min.   20 °C  Operating temperature min.   20 °C  Operating temperature max.   80 °C  Installation   Gable  Cable identification   355  Gabbie Type   2  Zaboket Color   gray  Type of Certificate   Climatic  Amount stranding   1  Stranding   9 wiese around Core filter twisted  Cable shielding (poverage)   85 %  Filter   yes  wiese arrangement   white, green, yellow, gray, pink, red, green-yellow, brown, blue  Cable weight   124,3 g/m  Malaferial picket   PVC  Culter diameter (gacket)   8,5 mm  Malaferial picket   97C  Culter diameter (gacket)   1,3 mm  Outer diameter insulation   97C  Malaferial properties wie insulation   1,3 mm  Outer diameter insulation   43 ± 5 Shore D  Outer diameter insulation   43 ± 5 Shore D  Outer diameter insulation   43 ± 5 Shore D  Outer diameter insulation   97C  Anount wires insulation   43 ± 5 Shore D  Shore hardness wire insulation   97C  Anount wires insulation   43 ± 5 Shore D  Outer diameter insulation   43 ± 5 Shore D  Shore hardness wire insulation   1,3 mm  Outer diameter insulation   97C  Anount wires insulation   1,3 mm  Outer diameter insulation   97C  Anount wires insulat		
Mounting set         M12 x 1           Device protection   Electrical           Degree of protection (EN IEC 66529)         IP67           Additional condition probaction degree         inserted, screwed           Machanical data   Mounting data         Mounting method         Schraubgewinde           Height         100.5 mm         Medical         Medical         Medical           Width         54,5 mm         Medical         Med	Number of signals per port	1
Degree of protection   Electrical   Degree of protection   Electri	Installation   Connection	
Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Mechanical data I Mounting data         Mounting method         Schraubgewinde           Height         100.5 mm           Width         54,5 mm           Depth         25 mm           Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Testilation   Cable         Service of Company of	Mounting set	M12 x 1
Mechanical data   Mounting data         Mounting method         Schraubgewinde           Height         100.5 mm           Width         54,5 mm           Depth         25 mm           Tenvionmental characteristics   Climatic         Commental characteristics   Climatic           Operating temperature min.         20 °C           Operating temperature max.         80 °C           Installation   Cable         Cable identification           Cable identification         355           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         9 wires around Core filler twisted           Cable shielding (type)         copper braiding, bare           Cable shielding (coverage)         85 %           Filler         yes           Write arrangement         white, green, yellow, gray, pink, red, green-yellow, brown, blue           Gabie weight         124,3 g/m           Material jacket         PUR           Freedom from impredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         8,5 mm	Device protection   Electrical	
Mechanical data   Mounting data         Mounting method         Schraubgewinde           Height         100.5 mm           Width         54,5 mm           Depth         25 mm           Tenvionmental characteristics   Climatic         Commental characteristics   Climatic           Operating temperature min.         20 °C           Operating temperature max.         80 °C           Installation   Cable         Cable identification           Cable identification         355           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         9 wires around Core filler twisted           Cable shielding (type)         copper braiding, bare           Cable shielding (coverage)         85 %           Filler         yes           Write arrangement         white, green, yellow, gray, pink, red, green-yellow, brown, blue           Gabie weight         124,3 g/m           Material jacket         PUR           Freedom from impredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         8,5 mm	Degree of protection (EN IEC 60529)	IP67
Mounting method         Schraubgewinde           Height         100,5 mm           Width         54,5 mm           Depth         25 mm           Environmental characteristics   Climatic           Operating temperature min.         20 °C           Operating temperature max.         90 °C           Installation   Cable         Cable           Cable identification         385           Cable Type         2           Jacket Color         gray           Type of Certificate         CURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         9 wires around Core filler twisted           Cable shieding (type)         copper braiding, bare           Cable shieding (coverage)         85 %           Filler         yes           wire arrangement         white, green, yellow, gray, pink, red, green-yellow, brown, blue           Cable weigth         124,3 g/m           Material jacket         PUR           Freedom from ingredients (jacket)         8.5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray<	Additional condition protection degree	inserted, screwed
Mounting method         Schraubgewinde           Height         100,5 mm           Width         54,5 mm           Depth         25 mm           Environmental characteristics   Climatic           Operating temperature min.         20 °C           Operating temperature max.         90 °C           Installation   Cable         Cable           Cable identification         385           Cable Type         2           Jacket Color         gray           Type of Certificate         CURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         9 wires around Core filler twisted           Cable shieding (type)         copper braiding, bare           Cable shieding (coverage)         85 %           Filler         yes           wire arrangement         white, green, yellow, gray, pink, red, green-yellow, brown, blue           Cable weigth         124,3 g/m           Material jacket         PUR           Freedom from ingredients (jacket)         8.5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray<	Mechanical data   Mounting data	
Height 100.5 mm  Width 54.5 mm  Depth 25 mm  Environmental characteristics   Climatic  Operating temperature min. 20 °C  Operating temperature max. 80 °C  Installation   Cable  Installation   Cable  Installation   Cable  Cable identification 355  Catole Type 2  Jacket Color gray  Type of Certificate cURus  STOOW style jacket Hybrid, Signal, Power  Amount stranding 1  Stranding 9 wires around Core filler twisted  Cable shielding (type) coper braiding, bare  Cable shielding (coverage) 85 %  Filler yes  Wite arrangement white, green, yellow, gray, pink, red, green-yellow, brown, blue  Cable weigth 124,3 g/m  Material jacket PUR  Shore hardness jacket 87 ≤ Shore A  Freedom from ingredients (jacket) 9.5 %  Material propers (sheath) 1 ≤ 5 %  Material inner jacket PVC  Amount wires 6  Outer-diameter (jacket) gray  Material prince (sheath) 1 ≤ 5 %  Material propers (sheath) 1 ≤ 5 %  Material propers wire insulation 1 3 mm  Outer diameter risulation 1 4 ± 5 Shore D  Material properties wire insulation 1 good machinability  Ingredient freeness wire insulation 1 good machinability	-	Schrauhgewinde
Width         54,5 mm           Depth         25 mm           Environmental characteristics   Climatic         Commental characteristics   Climatic           Operating temperature min.         20 °C           Operating temperature max.         80 °C           Installation   Cable         Cable identification           Cable identification         355           Cable Type         2           Jacked Color         gray           Type of Certificate         cURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         9 wires around Core filler twisted           Cable shielding (type)         copper braiding, bare           Cable shielding (coverage)         85 %           Filler         yes           wire arrangement         white, green, yellow, gray, pink, red, green-yellow, brown, blue           Cable shield glocket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         8,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material vire insulation         PVC		•
Depth         25 mm           Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Installation   Cable           Cable identification         355           Cable Type         2           Jacket Color         gray           Type of Certificate         CURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         9 wires around Core filler twisted           Cable shielding (type)         copper braiding, bare           Cable shielding (coverage)         85 %           Filler         yes           wire arrangement         white, green, yellow, gray, pink, red, green-yellow, brown, blue           Cable weight         124,3 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)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation         1,3 mm           Outer diam		•
Environmental characteristics   Climatic Operating temperature min.		·
Operating temperature min. Operating temperature max. 80 °C  Installation   Cable  Cable Identification 355  Cable Type 2 Jacket Color gray Type of Certificate CURus STOOW style jacket Hybrid, Signal, Power Amount stranding 1 Stranding 9 wires around Core filler twisted Cable shielding (toverage) 85 % Stranding 9 wires, yellow, gray, pink, red, green-yellow, brown, blue Cable weigth 124,3 g/m Material yellow to green, sellow-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) Grave Material inner jacket PVC Octor (inner jacket) Amount straid gray Material viner insulation 1,3 mm Outer diameter rolurance core insulation 1,3 mm Outer diameter rolurance core insulation 1,3 mm Outer diameter sive insulation 1,3 mm Material freeness wire insulation 1 ass  Descriptions  Description  Description  Description  Description  Description  Description  D	•	
Operating temperature max.  80 °C  Installation   Cable  Cable identification 355  Cable Type 2  Jacket Color gray  Type of Certificate cURus  STOOW style jacket Hybrid, Signal, Power  Amount stranding 1  Stranding 9 wires around Core filler twisted  Cable shielding (type) copper braiding, bare  Cable shielding (coverage) 85 %  Filler yes  wire arrangement white, green, yellow, gray, pink, red, green-yellow, brown, blue  Cable weight 124,3 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) 9xg  Material inner jacket PVC  Color (inner jacket) 9ray  Material inner jacket PVC  Amount wires 6  Outer diameter insulation PVC  Amount wires 6  Outer diameter rolerance core insulation 1,3 mm  Outer diameter tolerance core insulation 43 ± 5 Shore D  Material properties wire insulation 43 ± 5 Shore D  Material properties wire insulation 1,2 mm  Material properties wire insulation 43 ± 5 Shore D  Material properties wire insulation 1,2 mm  Journey Gentles of the community of the communit	·	20.00
Installation   Cable   Cable identification   355   Cable Type   2   Jacket Color   gray   Type of Certificate   CURus   STOOW style jacket   Hybrid, Signal, Power   Amount stranding   1   Stranding   9 wires around Core filler twisted   Cable shielding (type)   copper braiding, bare   Cable shielding (coverage)   85 %   Filler   yes   wire arrangement   white, green, yellow, gray, pink, red, green-yellow, brown, blue   Cable weigth   124,3 g/m   Material jacket   PUR   Shore hardness jacket   87 ± 5 Shore A   Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free   Cuter-diameter (jacket)   8,5 mm   Tolerance outer diameter (sheath)   ± 5 %   Material inner jacket   PVC   Color (inner jacket)   gray   Material wire insulation   PVC   Amount wires   6   Outer diameter insulation   1,3 mm   Outer diameter loberance core insulation   43 ± 5 Shore D   Material properties wire insulation   43 ± 5 Shore D   Material properties wire insulation   lead-free, cadmium-free, CFC-free, silicone-free		
Cable identification 355 Cable Type 2 Jacket Color gray Type of Certificate cURUs STOOW style jacket Hybrid, Signal, Power Amount stranding 1 Stranding 9 wires around Core filler twisted Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % Filler yes wire arrangement white, green, yellow, gray, pink, red, green-yellow, brown, blue Cable weight 124,3 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) 8,5 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 6 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free		80 C
Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         9 wires around Core filler twisted           Cable shielding (type)         copper braiding, bare           Cable shielding (coverage)         85 %           Filler         yes           wire arrangement         white, green, yellow, gray, pink, red, green-yellow, brown, blue           Cable weigth         124,3 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)         8,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation         PVC           Amount wires         6           Outer diameter insulation         45 %           Shore hardness wire insulation         43 ± 5 Shore D           Material properties wire insulation         da ± 5 Shore D           Material prope	·	
Jacket Color gray Type of Certificate cURus STOOW style jacket Hybrid, Signal, Power Amount stranding 1 Stranding 9 wires around Core filler twisted Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % Filler yes wire arrangement white, green, yellow, gray, pink, red, green-yellow, brown, blue Cable weigth 124,3 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) 8,5 mm Tolerance outer diameter (sheath) ± 5 % Material liner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 6 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		
Type of Certificate cURus  STOOW style jacket Hybrid, Signal, Power  Amount stranding 1  Stranding 9 wires around Core filler twisted  Cable shielding (type) copper braiding, bare  Cable shielding (coverage) 85 %  Filler yes  wire arrangement white, green, yellow, gray, pink, red, green-yellow, brown, blue  Cable weigth 124,3 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) 8,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 6  Outer diameter tolerance core insulation 1,3 mm  Outer diameter tolerance core insulation 43 ± 5 Shore D  Material properties wire insulation lead-free, cadmium-free, CFC-free, silicone-free		
STOOW style jacket Hybrid, Signal, Power  Amount stranding 1  Stranding 9 wires around Core filler twisted  Cable shielding (type) copper braiding, bare  Cable shielding (coverage) 85 %  Filler yes wire arrangement white, green, yellow, gray, pink, red, green-yellow, brown, blue  Cable weigth 124,3 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) 8,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material viner jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 6  Outer diameter insulation 1,3 mm  Outer diameter insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free		
Amount stranding 1 Stranding 9 wires around Core filler twisted Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % Filler yes wire arrangement white, green, yellow, gray, pink, red, green-yellow, brown, blue Cable weigth 124,3 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) 8.5 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 6 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free		
Stranding 9 wires around Core filler twisted Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % Filler yes wire arrangement white, green, yellow, gray, pink, red, green-yellow, brown, blue Cable weigth 124,3 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) 8.5 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 6 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free		
Cable shielding (type)  Cable shielding (coverage)  85 %  Filler  yes  wire arrangement  white, green, yellow, gray, pink, red, green-yellow, brown, blue  Cable weigth  124,3 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)  45 %  Material inner jacket  PVC  Color (inner jacket)  gray  Material wire insulation  PVC  Amount wires  6  Outer diameter insulation  1,3 mm  Outer diameter tolerance core insulation  43 ± 5 Shore D  Material properties wire insulation  good machinability  Ingredient freeness wire insulation  lead-free, cadmium-free, CFC-free, silicone-free		
Cable shielding (coverage) 85 %  Filler yes  wire arrangement white, green, yellow, gray, pink, red, green-yellow, brown, blue  Cable weigth 124,3 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) 8,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 6  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		
Filler yes wire arrangement white, green, yellow, gray, pink, red, green-yellow, brown, blue Cable weigth 124,3 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) 8,5 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 6 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		
white arrangement white, green, yellow, gray, pink, red, green-yellow, brown, blue  Cable weigth 124,3 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) 8,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 6  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		
Cable weigth  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)  8,5 mm  Tolerance outer diameter (sheath)  ± 5 %  Material inner jacket  PVC  Color (inner jacket)  gray  Material wire insulation  PVC  Amount wires  6  Outer diameter insulation  1,3 mm  Outer diameter tolerance core insulation  43 ± 5 Shore D  Material properties wire insulation  good machinability  Ingredient freeness wire insulation  lead-free, cadmium-free, CFC-free, silicone-free		•
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) 8,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 6  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		
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Freedom from ingredients (jacket)  Outer-diameter (jacket)  8,5 mm  Tolerance outer diameter (sheath)  ± 5 %  Material inner jacket  PVC  Color (inner jacket)  gray  Material wire insulation  PVC  Amount wires  6  Outer diameter insulation  1,3 mm  Outer diameter tolerance core insulation  43 ± 5 Shore D  Material properties wire insulation  Material properties wire insulation  Material properties wire insulation  lead-free, cadmium-free, CFC-free, silicone-free		
Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 6  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	Freedom from ingredients (jacket)	
Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 6  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	Outer-diameter (jacket)	8,5 mm
Material inner jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 6  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	Tolerance outer diameter (sheath)	
Material wire insulation PVC  Amount wires 6  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	Material inner jacket	PVC
Amount wires 6 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	Color (inner jacket)	gray
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	Material wire insulation	PVC
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 wires	6
Shore hardness wire insulation  43 ± 5 Shore D  Material properties wire insulation  Ingredient freeness wire insulation  Iead-free, cadmium-free, CFC-free, silicone-free	Outer diameter insulation	1,3 mm
Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Shore hardness wire insulation	43 ± 5 Shore D
	Material properties wire insulation	good machinability
Amount strands (wire) 19	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
	Amount strands (wire)	19



stay connected

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
	PVC
Material wire insulation (Power)	
Outer diameter wire insulation (Power)	1,8 mm
Tolerance outer diameter wire insulation (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)	42
Diameter of single wires (Power)	0,15 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 6
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3
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
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
Loop resistance	7,8 A
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 § 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 (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Connection type 2	
Family construction form	free cable end
No. of poles	9
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	4
PIN 1	+
PIN 2	n.c.
PIN 3	- · · · · · · · · · · · · · · · · · · ·
PIN 4	NO S 1
PIN 5	PE PE
FING	