

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

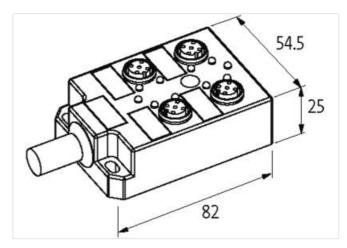
5.0m PUR-JB 8\*0,34+3\*0,75

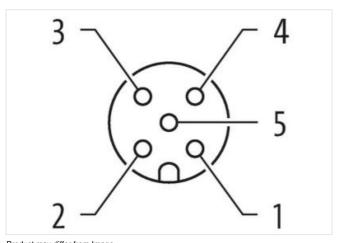
4-way, 5-pole PUR/PVC 5.0 m with LED for digital PNP-signals 24 V DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

## **Link to Product**

## 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: 2024-04-28



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         Market in Supplementaries in Suppleme	ETIM-5.0	EC002585
Fackaging unit         1           Electrical data (Supply)           Current perating per conteat max.         4 A           Current perating per conteat max.         10 A           Indicatorial communication           Number of signals per port         2           Installation   Connection           Mounting per port         2           Degree of protection   EN EC 505899         MEX 2           Degree of protection   EN EC 505899         MEX 2           Mechanical data   Mounting data           Mounting method         Schraubgewinde           Height         82 mm           Height         87 mm           Environmental characteristics   Climatic           Operating temperature max.         80 °C           Environmental characteristics   Climatic           Operating temperature max.         80 °C           Environmental characteristics   Climatic           Operating temperature max.         80 °C           Environmental characteristics   Climatic           Environmental characteristics   Climatic           Environmental characteristics   Climatic	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	GTIN	4048879063005
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         PD Proportion   Electrical           Degree of protection   Electrical         PD Protection   Electrical           Mounting method         Schraubgewinde           Height         82 mm           Width         54,5 mm           Deprise of protection   Electrical         82 mm           Width         54,5 mm           Depth         25 time           Environmental characteristics   Climatic         V           Operating temperature max.         80 °C           Installation   Cable         80 °C           Cabbic stallaction         383           Cabbic stallaction         383           Cabbic stallaction         383           Cabbic stallaction   Cable         Current stallaction   Cable           Cabbic stallacting (type 2)         2           STOOM style sicket         Hybrid, Signal, Power           Amount stranding type 2)         1	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         PD Proportion   Electrical           Degree of protection   Electrical         PD Protection   Electrical           Mounting method         Schraubgewinde           Height         82 mm           Width         54,5 mm           Deprise of protection   Electrical         82 mm           Width         54,5 mm           Depth         25 time           Environmental characteristics   Climatic         V           Operating temperature max.         80 °C           Installation   Cable         80 °C           Cabbic stallaction         383           Cabbic stallaction         383           Cabbic stallaction         383           Cabbic stallaction   Cable         Current stallaction   Cable           Cabbic stallacting (type 2)         2           STOOM style sicket         Hybrid, Signal, Power           Amount stranding type 2)         1	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         Will X 1           Device protection [EN LEC 60539)         IP67           Additional condition protection degree         Image: Market Ma		24.V
Total current max.         10 A           Industrial communication         Number of signals per port         2           Installation   Connection         Murring set         M12 x 1           Device protection   Electrical         Device protection (PILEC 69529)         IP67           Additional condition protection degree         Insertial of Screwed           Mechanical datal Mounting data         Mechanical datal Mounting data           Worth         Schraubgewinde           Height         82 mm           Worth         54.5 mm           Depth         25 mm           Environmental characteristics   Climatic         Coperating temperature mix.         80 °C           Coperating temperature mix.         80 °C         Correcting temperature mix.         80 °C           Cable in Type         2         2         Correction (Inserting temperature mix.         80 °C           Cable in Type         2         2         Jacket Color         gray           Type of Certificate         CulRus         STS         STS           STOOW style globet         Hybrid. Signal, Power         Amount stranding         1           Stranding (type 2)         1         Stranding (type 2)         1           Cabbe shielding (coverage)         85 %		
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           Installation [Cable         Sa3           Cable identification         363           Cable (Type)         2           Jacket Color         gray           Type of Certificate         UFUs           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding (type 2)         1           Cable shelding (coverage)         85 %           Filer         yes           wire arrangement         white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)           Cable sh		
Number of signals per port         2           Installation   Connection           Mounting set         M12 x 1           Degree of protection (Electrical)         Per Power protection (Electrical)           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Mechanical data   Mounting data         Mounting method         Schraubgewinde           Height         82 mm         Mounting method         45.5 mm           Depth         25 mm         Per Power Pow		10 A
Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical         Degree of protection (EN EC 60529)         IP67           Additional condition protection degree         inserted, serewed           Mechanical data   Mounting data         Mounting method         Schraubgewinde           Height         82 mm         Mounting method         54.5 mm           Opp 1         25 mm         Mounting temperature min.         25 mm           Environmental characteristics   Climatic         Commental characteristics   Climatic         Commental characteristics   Climatic           Environmental characteristics   Climatic         Commental characteristics   Climatic         Commental characteristics   Climatic           Capic at importature max.         20 °C         Commental characteristics   Climatic         Commental characteristics   Climatics		
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           Mechanical data   Mounting data         Schraubgewinde           Height         82 mm           Under Michanical Control of the Control of Contro	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           Pervious programment (Programment (Programmen	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 Coperating temperature min.         20 °C           Operating temperature min.         20 °C           Operating temperature min.         363         363           Cable identification         363         363           Cable Type         2         3         3           Jackel Color         gray         3           Type of Certificate         CURUs         3           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1         3           Stranding         2 wires with Filler twisted           Amount stranding (type 2)         1         3           Stranding (type 2)         9 wires around Stranding combination twisted           Cable shielding (type)         0 opper braiding, bare           Cable shielding (type)         0 opper braiding, bare           Cable shielding (type)         0 wire arrangement         with Eyeliev, (gray, gr	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 Coperating temperature min.         20 °C           Operating temperature min.         20 °C           Operating temperature min.         363         363           Cable identification         363         363           Cable Type         2         3         3           Jackel Color         gray         3           Type of Certificate         CURUs         3           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1         3           Stranding         2 wires with Filler twisted           Amount stranding (type 2)         1         3           Stranding (type 2)         9 wires around Stranding combination twisted           Cable shielding (type)         0 opper braiding, bare           Cable shielding (type)         0 opper braiding, bare           Cable shielding (type)         0 wire arrangement         with Eyeliev, (gray, gr	Device protection   Electrical	
Additional condition protection degree inserted, screwed  Mechanical data   Mounting data  Mounting method   82 mm  Width   54,5 mm  Depth   25 mm  Width   54,5 mm  Depth   20 °C  Operating temperature min.   20 °C  Operating temperature max.   80 °C  Installation   Cable  Installation	•	ID67
Mounting method         Schraubgewinde           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         Cable identification         363           Cable identification         363         Cable identification         363           Zable I Opport         2 page 12         Cable Installation   Cable         Cable identification         363           Zable I Opport         2 page 2         Cable identification         363           Type of Certificate         CURus         Cable identification         363           STOOW style jacket         Hybrid, Signal, Power         Amount stranding         1           Stranding (syle jacket         Hybrid, Signal, Power         Amount stranding (fype 2)         1           Stranding (type 2)         1         1         1           Stranding (type 2)         9 wires around Stranding combination twisted         2           Cable shielding (type)         copper braiding, bare         2           Cable shielding (type)         yes         4           W		
Mounting method         Schraubgewinde           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         Installation   Cable           Cable identification         363           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           STOOM style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         2 wires with Filler twisted           Amount stranding (type 2)         9 wires around Stranding combination twisted           Cable shielding (type)         opper braiding, bare           Filler         yes           wire arrangement         white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) <td></td> <td></td>		
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         Cable identification           Cable identification         363           Cable (overlication)         363           Cable (overlication)         97 ye Certificate           STOOM style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         2 wires with Filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         9 wires around Stranding combination twisted           Cable shielding (type)         copper braiding, bare           Cable shielding (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      <		
Width         54,5 mm           Depth         25 mm           Environmental characteristics   Climatic           Operating temperature min.         20 °C           Operating temperature max.         80 °C           Installation   Cable         Cable identification           Cable identification         363           Cable identification         363           Type         2           Jacket Color         gray           Type of Certificate         cURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         2 wires with Filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         9 wires around Stranding combination twisted           Cable shielding (type)         copper braiding, bare           Cable shielding (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 Aufmanss jacket         8.7 s Shore A           Freedom from ingredients (jacket)         8.1 mm		
Depith         25 mm           Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Installation   Cable         Installation   Cable           Cable identification         363           Cable identification         363           Cable (June 1)         2           Jacket Color         gray           Type of Certificate         cURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         2 wires with Filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         9 wires around Stranding combination twisted           Cable shielding (type)         copper braiding, bare           Cable shielding (coverage)         85 %           Filler         yes           view 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         97 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free		
Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Installation   Cable           Cable Indication         363           Cable Indication         gray           Jacket Color         gray           Type of Certificate         cURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding (type 2)         1           Stranding (type 2)         9 wires around Stranding combination twisted           Cable shielding (type)         copper braiding, bare           Cable shielding (coverage)         85 %           Filler         yes           wire 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 (ingredients (jacket)         gray           Material inner jacket         PVC           Color		- 17
Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Installation   Cable           Cable identification         363           Cable Type         2           Jacket Color         gray           Type of Certificate         CURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         2 wires with Filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         9 wires around Stranding combination twisted           Cable shielding (type)         copper braiding, bare           Cable shielding (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	Depth	25 mm
Operating temperature max.         80 °C           Installation   Cable           Cable identification         363           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         2 wires with Filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         9 wires around Stranding combination twisted           Cable shielding (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 wire insulation         PVC           Color (inner jacket)         gray           Material wire insulation         1,3 mm           Outer diamete	Environmental characteristics   Climatic	
Installation   Cable           Cable Identification         363           Cable Type         2           Jacket Color         gray           Type of Certificate         CURus           STOOW Style Jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         2 wires with Filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         9 wires around Stranding combination twisted           Cable shielding (type)         copper braiding, bare           Cable shielding (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           Color (	Operating temperature min.	-20 °C
Cable Identification         363           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         2 wires with Filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         9 wires around Stranding combination twisted           Cable shielding (type)         copper braiding, bare           Cable shielding (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 Type         2           Jacket Color         gray           Type of Certificate         cURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         2 wires with Filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         9 wires around Stranding combination twisted           Cable shielding (type)         copper braiding, bare           Cable shielding (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)         8.1 mm           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           Cuter diameter tolerance core insulation         ± 5 %           Shore hardness w	Installation   Cable	
Jacket Color gray Type of Certificate cURus STOOW style jacket Hybrid, Signal, Power Amount stranding 1 Stranding 2 wires with Filler twisted Amount stranding (type 2) 1 Stranding (type 2) 9 wires around Stranding combination twisted Cable shielding (type) copper braiding, bare Cable shielding (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	Cable identification	363
Type of Certificate cURus  STOOW style jacket Hybrid, Signal, Power  Amount stranding 1  Stranding 2 wires with Filter 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 Type	2
STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         2 wires with Filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         9 wires around Stranding combination twisted           Cable shielding (type)         copper braiding, bare           Cable shielding (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
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	Type of Certificate	cURus
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         1,3 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D	STOOW style jacket	Hybrid, Signal, Power
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 risulation 1,3 mm  Outer diameter tolerance 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	Cable shielding (coverage)	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



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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Material wire insulation (Power)	PVC
Outer diameter wire insulation (Power)	1,8 mm
Tolerance outer diameter wire insulation (Power)	±5 %
Shore hardness wire insulation (Power)	43±5 Shore D
Material properties wire insulation (Power)	good machinability
Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Amount wires (Power)	3
Amount strands wire (Power)	24
Diameter of single wires (Power)	0,2 mm
Wire conductor cross section (Power)	0,75 mm <sup>2</sup>
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	Strand class 5
Traversing distance (C-track)	5 m @ 25 °C
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	26 Ω/km @20 °C
Loop resistance	7,8 A
Max. rated voltage power (conductor - ground)	300 V
Max. rated voltage power (conductor - conductor)	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	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
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Connection type 2	
Family construction form	free cable end
No. of poles	11
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	+
PIN 2	NC S 2
PIN 3	-
PIN 3 PIN 4	NO S 1

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-28

**Product-PDF for Article 27833** 

