

## PASSIVE-DI0° PLASTIC,6XM12,5POL,PRE-WIRED CABLE

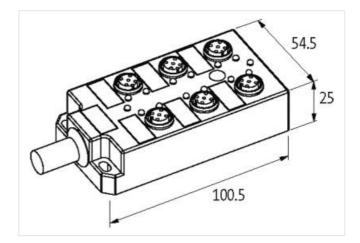
5.0m PUR-JB 12\*0,34+3\*0,75

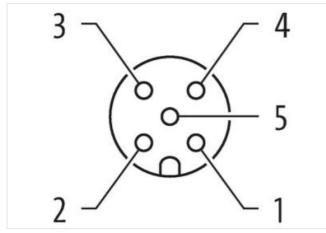
6-way, 5-pole PUR/PVC 5.0 m with LED for digital PNP-signals 24 V DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

## Link to Product









Product may differ from Image

Commercial data		
ECLASS-6.0	27279219	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
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: 2024-04-27

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salami number 4544299 GTM 40489706201 Packaging unit I Electrical data [Supply Corrent og values DC 2 A A Corrent og values DC 3 Corrent og val	ETIM-5.0	EC002585
Packaging unit     1       Electrical data [Supply        Electrical data [Supply        Current operating oper contact max.     4 A       Total current max.     10 A       Industrial communication        Number of signals per point     2       Installation [ Connection     Moling set       Mouning set     M12 x 1       Device protection [ Electrical        Dagree of protection [ Electrical        Dagree of protection [ Electrical        Mouning method     Schwalzewinde       Height     100.5 mm       Width     54.5 mm       Depring temperature min.     20 °C       Contentication [ Cable        Depring temperature min.     20 °C       Depring temperature min.     21 °C       Depring temperature min.     20 °C       Depring temperature min.     20 °C       Depring temperature min.     21 °C	customs tariff number	85444290
Electrical data   Supply       Operating voltage DC     24 V       Corrent operating per contaxt max.     4 A       Told corrent funx.     10 A       Industrial communication     Voltaxi       Number of signels per port 0     2       Institution   Connection     Mounting set       Mounting set     M12 x 1       Device protection [Electrical     Device protection (EN LEC 60629)       Mounting method     Schraubgewinde       Mechanical data   Mounting data     Mounting method       Mounting method     Schraubgewinde       Heght     100.5 mm       Width     54.5 mm       Depring tomperature min.     -20 °C       Operating temperature max.     80 °C       Installation   Cable     -       Cable Genefication     588       Cable Genefication     988       Cabl	GTIN	4048879062961
Operating voltage DC     24 V       Current operating per contant max.     4 A       Obla current max.     10 A       Industrial communication     2       Installation 1 Connection     8       Murting set     10 2 1       Device protection 1 Electrical     9       Dayse of protocion (EN EC 600529)     1977       Additional condition protection depose     1987       Murting method     Schraubgewinde       Height     100,5 mm       Worth Set	Packaging unit	1
Current operating per contact max.     10 A       Total current max.     10 A       Mudsifial communication     Installation (Connection)       Munifing set     M12 x 1       Device protection [Electrical     Installation (Connection)       Additional connection (EN EC 60529)     IP67       Additional connection (EN EC 60529)     IP67       Additional connection (EN EC 60529)     IP67       Additional connection protection degree in scoreed     Mounting method       Schraubgewinde     Height       Mounting method     Schraubgewinde       Weight     20 Smm       Operating temperature max.     80 °C       Device protection file     20 °G       Operating temperature max.     80 °C       Installation [ Connection     388       Cable infortion     388       Cable infortion     388       Cable infortion     388       Cable infortion     1       Stranding     1       Stranding     1       Stranding     1       Stranding     1       Stranding     1	Electrical data   Supply	
Current operating per contact max.     10 A       Industrial communication     Industrial communication       Number of signals per port     2       Installation   Connection     Industrial communication       Mounting set     M12 x 1       Device protection   Electrical     Installation   Connection       Additional constitution protection dograp     Installation   Connection       Machina   Mounting data     Machina   Mounting data       Mounting method     Schraubgewinde       Height     100,5 mm       Writh     54,5 mm       Depth     25 mm       Environmental characteristics   Climatic     Operating temperature max.       Operating temperature max.     80 °C       Installation   Conting     388       Cable Information     398       Cable Information     398       Cable Topic     2       Cable Information     398       Cable Information     398       Cable Information     398       Cable Topic     2       Cable Information     398       Cable Informatistranding (type 2)     1	Operating voltage DC	24 V
Total current max.   10 A     Industrial communication   Industrial communication     Number of signals per port   2     Installation   Connection   Multiceless per port     Bevice protection [Electrical   Device protection (SN EC 6052)     Degree of protection (SN EC 6052)   IP67     Additional condition protection degree   inserted, sorewed     Mechanical data   Mounting data   Multing mellow     Mounting mellow   Schraubgewinde     Height   100,5 mm     Width   54,5 mm     Deprint   20 °C     Operating temperature min.   20 °C     Cobording compound temperature min.   20 °C     Cobording temperature min.   10 °C     Stati		4 A
Number of signals per port     2       Installion   Connection     Installion   Connection       Bevice protection   Electical     Installion   Connection (ENIEC 60529)     IP67       Additional condition protection degree     Installion   Connection (ENIEC 60529)     IP67       Additional condition protection degree     Installion   Connection   ENIEC 60529)     IP67       Additional condition protection degree     Installion   Connection   ENIEC 60529)     IP67       Additional condition protection degree     Installion   Connection   ENIEC 60529)     IP67       Mounting method     Schraubgewinde     Image: Enie		10 A
Installation   Connection       Mounting set     M12 x 1       Device protection   Electrical     Perfect protection (Electrical)       Device protection (Electrical)     PErf       Additional condition protection degree     inserted, screwed       Mounting method     Schraubgewinde       Height     100.5 mm       Width     54,5 mm       Depth     25 mm       Evolution temperature min.     40 °C       Operating temperature max.     80 °C       Operating temperature max.     80 °C       Cable identification     288       Cable identification     288       Cable identification     288       Cable identification     288       Cable identification     989       Cable identific	Industrial communication	
Muning set     M12 x 1       Degree or protection I, Electrical     IP67       Degree of protection (Env IEC 60539)     IP67       Additional condition protection degree     inserted, screwed       Mechanical data   Mounting data     Inserted, screwed       Meunting method     Schraubgewinde       Height     100.5 mm       Wath     54,5 mm       Depth     25 mm       Environmental characteristics   Climatic     20 °C       Operating temperature min.     20 °C       Operating temperature min.     80 °C       Environmental characteristics   Climatic     Climatic       Operating temperature min.     80 °C       Environmental characteristics   Climatic     Climatic       Cable identification     388       Cable identification     388       Cable Vayo Cardificate     UBus       Stranding     1       Stranding<	Number of signals per port	2
Device protection [Electrical     IPE7       Additional condition protection degree     inserted, screwed       Mechanical data [Mounting data     Image: Schraubgewinde       Mounting method     Schraubgewinde       Height     100.5 mm       Width     54.5 mm       Depretation (Env IEC Concept)     25 mm       Environmental characteristics [Climatic     Concept Concept)       Operating temperature main.     60 °C       Operating temperature max.     80 °C       Cable Topic     2       Jacka Color     gray       Type of Color     gray       Type of Colificate     cuPruic Signal, Power       Amount stranding     1       Stranding (type 2)     1       Stranding (type 2)     1       Stranding (type 2)     1       Noon Stranding (type 2)     1       Noon Stranding (type 2)     1       Stranding (type 2)     1       Stranding (type 2)     1       Mount stranding (type 2)     1       Noon Stranding (type 2)     1       Stranding (type 2)     1	Installation   Connection	
Degree of protection (EN IEC 86529)     IP67       Additional condition protection degree     inserted, screwed       Mounting method     Schraubgewinde       Height     100,5 mm       Width     54,5 mm       Depth     25 mm       Environmental characteristics [ Climatic     Comparing temperature min.       Oparating temperature min.     -20 °C       Deprating temperature min.     -20 °C       Cable identification     388       Cable identification     388       Cable identificate     CURus       Stronding     1       Stranding     3 wires twisted       Amount stranding (type 2)     12 Wires around Stranding combination twisted       wire arrangement     blue, brown, encen yellow, (ergy pink, white, red blue, green, green, wite, yellow, brown green, gray, yellow- white, pink, brown yellow, red)       No. of bending cycles [C-track]     2 More 2 & 5 %       Cable weight     162 & 9 grm       Tolerance signetot     82 & 9 grm       Tolerance user dameter (glocket)     82 More 2 & 9 fm       Material jacket     PUR       Stronding lineer jacket)     92 More 2 & 5 %	Mounting set	M12 x 1
Additional condition protection degree   inserted, screwed     Mounting method   Schraubgewinde     Height   100.5 mm     Width   64.5 mm     Depth   25 mm     Environmental characteristics   Climatic     Operating temperature min.   -20 °C     Operating temperature max.   80 °C     Installation   Cable   Cable identification     Cable identification   388     Cable identification   388     Cable Identification   398     Stronding   1     Stranding   1     Stranding   1     Stranding   1     Stranding (type 2)   12 wires around Stranding combination twisted     Mount standing (type 2)   12 wires around Stranding combination twisted     Mout standing cycles (C+track)   2 Mo. @ 25 °C     Cable weight   162 g g/m     Material lacket   Ø71 5 Shore A     Freedom from ingredients (jacket)   162 % g/m     Material inner jacket   Ø72 5 Shore A     Freedom from ingredients (jacket)   163 %     Material inner jacket   PVC     Cablering jacket	Device protection   Electrical	
Additional condition protection degree   inserted, screwed     Mounting method   Schraubgewinde     Height   100,5 mm     Width   64,5 mm     Depth   25 mm     Environmental characteristics   Climatic     Operating temperature min.   20 °C     Operating temperature max.   80 °C     Installation   Cable   Cable Identification     Cable Identification   388     Cable Identification   388     Cable Identification   388     Stronding   1     Stranding   1     Stranding   1     Stranding   1     Stranding   1     Stranding   1     Stranding (type 2)   12 wires around Stranding combination twisted     Mount standing (type 2)   12 wires around Stranding combination twisted     Most earling cycles (C-track)   2 Mo. @ 25 °C     Cable weight   162.8 g/m     Material lacket   PUR     Store hartness jacket   PT ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer-diameter (jacket) <t< td=""><td>Degree of protection (EN IEC 60529)</td><td>IP67</td></t<>	Degree of protection (EN IEC 60529)	IP67
Mechanical data   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 min.     -20 °C       Operating temperature min.     -20 °C       Operating temperature max.     80 °C       Installation   Cable     2       Cable forpo     gray       Type 0     2       Jacket Color     gray       Type 0 Certificate     cURus       STOOW style jacket     Hybrid. Signal, Power       Amount stranding     1       Stranding (type 2)     1       Stranding (type 2)     1       Stranding (type 2)     1       Stranding cypes (C-track)     2 Mor. @ 25 °C       Cable ingrey every blow, crony-pollow, (gray-pink, white, red-blue, green -white, yellow, brown-green, gray, yellow-white, pink, brown-yelow, red)       No. ot bending cydes (C-track)     2 Mor. @ 25 °C       Cable weight     162.8 g/m       Material jackt     PUR <td></td> <td></td>		
Mounting method   Schraubgewinde     Height   100.5 mm     Width   54,5 mm     Depth   25 mm     Environmental characteristics   Climatic     Operating temperature min.   20 °C     Operating temperature mix.   80 °C     Installation   Gable   Cable Identification     Cable Identification   388     Cable Identification   388     Cable Identification   gray     Type of Certificate   CURus     STOOW style jacket   Hybrid. Signal, Power     Amount stranding (type 2)   1     Stranding (type 2)   1     Stranding (type 2)   1     Verie arrangement   bule, brown: green-yellow, (ray-pink, white, red-blue, green, green-white, yellow, brown-green, gray, yellow, white, pink, brown-yellow, red)     No. of bending cycles (C-track)   2 Mio. @ 25 °C     Cable weight   162.8 g/m     Material jacket   PUR     Shore hardness jacket   87.5 Shore A     Freadom torn ingredients (gacket)   9.2 mm     Outer-diameter (gacket)   9.2 mm     Outer-diameter (gacket)   9.2 mm     Tolerance outer diameter (sheat		
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		Cabrauhaaninda
Width   54,5 mm     Depth   25 mm     Environmental characteristics   Climatic     Operating temperature min.   -20 °C     Operating temperature max.   80 °C     Installation   Cable		-
Depth     25 mm       Environmental characteristics   Climatic       Operating temperature min.     -20 °C       Operating temperature max.     80 °C       Installation   Cable     Cable identification       Cable identification     388       Cable Type     2       Jacket Color     gray       Type of Certificate     cURus       STOOW style jacket     Hybrid. Signal, Power       Amount stranding     1       Stranding (type 2)     1       Stranding (type 2)     1       Stranding (type 2)     1       View arrangement     blue, brown, green-yellow, (gray-pink, while, red-blue, green, green-white, yellow, brown-green, gray, yellow- white, pink, provn-yelow, red)       No. of bending cycles (C-track)     2 Mio. @ 25 °C       Cable weigth     162.8 g/m       Material jacket     PUR       Shore hardness jacket     PUR       Shore hardness jacket     PUR       Shore hardness jacket     92.0 mm       Toleranes outer (jacket)     9.2 mm       Toleranes outer (jacket)     9.2 mm       Tolerance outer (jacket)     9.2 mm <		
Environmental characteristics   Climatic       Operating temperature min.     -20 °C       Operating temperature max.     80 °C       Installation   Cable     Cable identification       Cable identification     388       Cable identification     388       Cable Type     2       Jacket Color     gray       Type of Certificate     cURus       STOOW style jacket     Hybrid, Signal, Power       Amount stranding     1       Stranding (type 2)     1       Stranding (type 2)     1       Stranding (type 2)     1       wire arrangement     blue, brown, green-yellow, (gray-pink, white, red-blue, green, green-white, yellow, brown-green, gray, yellow-white, pink, brown-yellow, (red)       No. of bending cycles (C-track)     2 Mo. @ 25 °C       Cable weigh     1623 g/m       Material jacket     PUR       Shore hadrones jacket     87 ± 5 Shore A       Freedom from ingredients (jacket)     lead free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     9.2 mm       Tolerance outer diameter (sheath)     ± 5 %       Material jacket     PVC		
Operating temperature min.   -20 °C     Operating temperature max.   80 °C     Installation   Cable   2     Cable Type   2     Jacktet Color   gray     Type of Certificate   cURus     STOOW style jacket   Hybrid. Signal, Power     Amount stranding   1     Stranding   3 wires twisted     Amount stranding (type 2)   1     Mount stranding (type 2)   1     Stranding cycles (C-track)   2 Mio. @ 25 °C     Cable weigh   162.8 g/m     Material jacket   PUR     Shore hardness jacket   87 ± 5 Shore A     Freedom from ingredients (jacket)   9.2 mm     Tolerance outer diameter (sheath)   ± 5 %     Material jacket   PVC     Color (inner jacket)   gray     Material inner jacket   PVC     Color (inner jacket)   gray     Material inner jacket   PVC		23 11111
Operating temperature max.   80 °C     Installation   Cable   2     Cable identification   388     Cable Type   2     Jacket Color   gray     Type of Certificate   cURus     STOOW style jacket   Hybrid. Signal, Power     Amount stranding   1     Stranding   3 wires twisted     Amount stranding (type 2)   1     Stranding (type 2)   1 stranding combination twisted     wire arrangement   blue, brown, green-yellow, (gray-pink, white, red-blue, green, green-white, yellow, brown-green, gray, yellow-white, jink, brown-yellow, red)     No. of bending cycles (C-track)   2 Mio. @ 25 °C     Cable weigth   162.8 g/m     Material jacket   PUR     Shore hardness jacket   87 ± 5 Shore A     Freedom from ingredients (jacket)   lea4-free, cadmium-free, CFC-free, silicone-free     Outer-diameter (jacket)   9.2 mm     Tolerance cuter diameter (sheath)   ± 5 %     Material inner jacket   PVC     Color (inner jacket)   gray     Material inner jacket   PVC     Color (inner jacket)   gray     Material inner jacket   PVC<	Environmental characteristics   Climatic	
Installation   Cable       Cable identification     388       Cable Type     2       Jacket Color     gray       Type of Certificate     cURus       STOOW style jacket     Hybrid, Signal, Power       Amount stranding     1       Stranding (type 2)     1       Stranding (type 2)     1       Stranding (type 2)     1       Stranding (type 2)     1       Wrie arrangement     blue, brown, green-yellow, (gray-pink, white, red-blue, green, green, yellow, brown-green, gray, yellow-white, pink, brown-yellow, red)       No. of bending cycles (C-track)     2 Mio. @ 25 °C       Cable weigh     162.8 g/m       Material jacket     PUR       Shore hardness jacket     87 ± 5 Shore A       Freedom from ingredients (jacket)     9.2 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 insulation     43 ± 5 Shore D		
Cable identification388Gable Type2Jacket ColorgrayType of CertificatecJRusSTOOW style jacketHybrid, Signal, PowerAmount stranding1Stranding3 wires twistedAmount stranding (type 2)1Stranding (type 2)12 wires around Stranding combination twistedwrie arrangementblue, brown, green-yellow, (gray-pink, white, red-blue, green, green-white, yellow, brown-green, gray, yellow- white, pink, brown-yelow, red)No. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth162.8 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)9.2 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires12Outer diameter insulation1.3 mmOuter diameter insulation43 ± 5 Shore DMaterial properties wire insulation43 ± 5 Shore DMaterial properties wire insulationif 5 %Material properties wire insulationjf 3 ± 5 Shore DMaterial properties wire insulationlead-free, cadmium-free, CFC-free, silicone-freeMaterial properties wire insulationjf 3 ± 5 Shore DMaterial properties wire insulationlead-free, cadmium-free, CFC-free, silicone-free	Operating temperature max.	80 °C
Cable Type   2     Jacket Color   gray     Type of Certificate   cJRus     STOOW style jacket   Hybrid, Signal, Power     Amount stranding   1     Stranding   3 wires twisted     Amount stranding (type 2)   1     Stranding (type 2)   12 wires around Stranding combination twisted     wire arrangement   blue, brown, green-yellow, (gray-pink, white, red-blue, green, green-white, yellow, brown-green, gray, yellow-white, pink, brown-yellow, red)     No. of bending cycles (C-track)   2 Mio. @ 25 °C     Cable weigth   162,8 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)   9,2 mm     Tolerance outer diameter (sheath)   ± 5 %     Material inner jacket   PVC     Color (inner jacket)   PVC     Amount wires   12     Outer diameter insulation   1,3 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   ± 5 %     Shore hardness wire insulation   43 ± 5 Shore D	Installation   Cable	
Jacket ColorgrayType of CertificatecURusSTOOW style jacketHybrid, Signal, PowerAmount stranding1Stranding (type 2)1Stranding (type 2)1Stranding (type 2)12 wires around Stranding combination twistedwire arrangementblue, brown, green-yellow, (gray-pink, white, red-blue, green, green-white, yellow, brown-green, gray, yellow- white, pink, brown-yellow, red)No. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth162,8 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)9,2 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCColor (inner jacketPVCColor (inner jacket)12Outer diameter insulation1,3 mmOuter diameter insulation1,3 mmOuter diameter insulation1,3 mmOuter diameter insulation43 ± 5 Shore DMaterial properties wire insulation43 ± 5 Shore DMaterial properties wire insulation43 ± 5 Shore DMaterial properties wire insulationi 45 %Material properties wire insulationi 4	Cable identification	388
Type of Certificate   cURus     STOOW style jacket   Hybrid, Signal, Power     Amount stranding   1     Stranding   3 wires twisted     Amount stranding (type 2)   1     Stranding (type 2)   12 wires around Stranding combination twisted     wire arrangement   blue, brown, green-yellow, (gray-pink, white, red-blue, green, green-white, yellow, brown-green, gray, yellow-white, pink, brown-yellow, red)     No. of bending cycles (C-track)   2 Mio. @ 25 °C     Cable weigth   162.8 g/m     Material jacket   PUR     Shore hardness jackel   87 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer-diameter (jacket)   9.2 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Color (inner jacket)   gray     Material wire insulation   1.3 mm     Outer diameter insulation   1.3 mm     Outer diameter insulation   43 ± 5 Shore D     Material properties wire insulation   43 ± 5 Shore D     Material properties wire insulation   i.3 mm     Outer diameter insulation   43 ± 5 Shore D	Cable Type	2
STOOW style jacketHybrid, Signal, PowerAmount stranding1Stranding3 wires twistedAmount stranding (type 2)1Stranding (type 2)1 2 wires around Stranding combination twistedwire arrangementblue, brown, green-yellow, (gray-pink, white, red-blue, green, green-white, yellow, brown-green, gray, yellow-white, pink, brown-yellow, red)No. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth162,8 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)9.2 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCColor (inner jacket)grayMaterial wire insulation1.3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient foreness wire insulationlead-free, cadmium-free, CFC-free, silicone-free	Jacket Color	gray
Amount stranding   1     Stranding   3 wires twisted     Amount stranding (type 2)   1     Stranding (type 2)   12 wires around Stranding combination twisted     wire arrangement   blue, brown, green-yellow, (gray-pink, white, red-blue, green, green-white, yellow, brown-green, gray, yellow-white, pink, brown-yellow, red)     No. of bending cycles (C-track)   2 Mio. @ 25 °C     Cable weigth   162,8 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 (sheath)   ± 5 %     Material inner jacket   PVC     Color (inner jacket)   gray     Material wire insulation   1,3 mm     Outer diameter tolerance core insulation   1,3 mm     Outer diameter 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	Type of Certificate	cURus
Stranding3 wires twistedAmount stranding (type 2)1Stranding (type 2)12 wires around Stranding combination twistedwire arrangementblue, brown, green-yellow, (gray-pink, white, red-blue, green, green-white, yellow, brown-green, gray, yellow-white, pink, brown-yellow, red)No. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth162.8 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)9,2 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires12Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-free		Hybrid, Signal, Power
Amount stranding (type 2)1Stranding (type 2)12 wires around Stranding combination twistedwire arrangementblue, brown, green-yellow, (gray-pink, white, red-blue, green, green-white, yellow, brown-green, gray, yellow- white, pink, brown-yellow, red)No. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth162,8 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)9,2 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCColor (inner jacketgrayMaterial wire insulation1,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationlead-free, cadmium-free, CFC-free, silicone-free	•	1
Stranding (type 2)   12 wires around Stranding combination twisted     wire arrangement   blue, brown, green-yellow, (gray-pink, white, red-blue, green, green-white, yellow, brown-green, gray, yellow-white, pink, brown-yellow, red)     No. of bending cycles (C-track)   2 Mio. @ 25 °C     Cable weigth   162,8 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)   9,2 mm     Tolerance outer diameter (sheath)   ± 5 %     Material inner jacket   PVC     Color (inner jacket)   gray     Material wire insulation   PVC     Amount wires   12     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   43 ± 5 Shore D     Material properties wire insulation   43 ± 5 Shore D		3 wires twisted
wire arrangementblue, brown, green-yellow, (gray-pink, white, red-blue, green, green-white, yellow, brown-green, gray, yellow- white, pink, brown-yellow, red)No. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth162,8 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)9,2 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires12Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cAmium-free, CFC-free, silicone-free		
Write analgement   white, pink, brown-yellow, red)     No. of bending cycles (C-track)   2 Mio. @ 25 °C     Cable weigth   162,8 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)   9,2 mm     Tolerance outer diameter (sheath)   ± 5 %     Material inner jacket   PVC     Color (inner jacket)   gray     Material wire insulation   PVC     Amount wires   12     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, CFC-free, silicone-free	Stranding (type 2)	
Cable weigth162,8 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)9,2 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires12Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-free	wire arrangement	
Material jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)9,2 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires12Outer diameter insulation1,3 mmOuter diameter insulation± 5 %Shore hardness wire insulation± 5 %Ingredient freeness wire insulationgo od machinabilityIngredient freeness wire insulationgo od machinability	No. of bending cycles (C-track)	2 Mio. @ 25 °C
Shore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)9,2 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires12Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-free	Cable weigth	162,8 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)9,2 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires12Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-free	Material jacket	PUR
Outer-diameter (jacket)9,2 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires12Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-free	Shore hardness jacket	87 ± 5 Shore A
Tolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires12Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-free	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires12Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cAdmium-free, CFC-free, silicone-free	Outer-diameter (jacket)	9,2 mm
Color (inner jacket)grayMaterial wire insulationPVCAmount wires12Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cFC-free, silicone-free	Tolerance outer diameter (sheath)	± 5 %
Material wire insulation   PVC     Amount wires   12     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 12   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	12
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 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	
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Shore hardness wire insulation	43 ± 5 Shore D
	Material properties wire insulation	
Amount strands (wire) 19	Ingredient freeness wire insulation	
	Amount strands (wire)	19

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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)	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
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity (standard)	4 A
Electrical resistance line constant wire	57 Ω/km
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 - 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)	20° 08
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	DIN EN 60811-404   Good, application-related testing
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	15
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	+
PIN 2	NC S 2
PIN 3	-
PIN 4	NO S 1
PIN 5	PE

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