

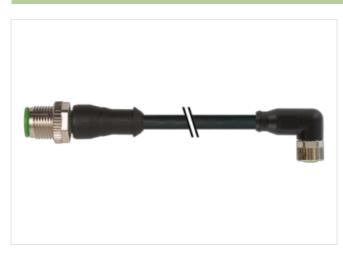
## M12 male 0° / M8 female 90° A-cod.

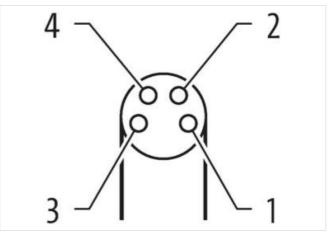
PVC 4x0.25 bk UL/CSA 7.5m

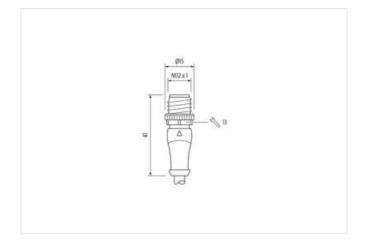
Male straight – female 90° M12 – M8, 4-pole Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

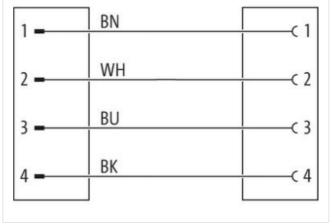
## Link to Product

## Illustration



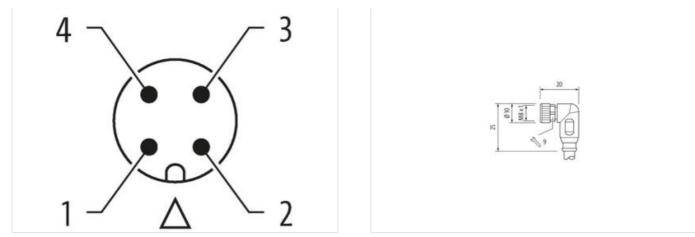






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Product may differ from Image



Cable length	7.5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $\emptyset$ )	10 mm
Cable outlet	straight
Coding	A
Material	PUR
No. of poles	4
Width across flats	SW13
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal $Ø$ )	6,5 mm
Cable outlet	angled
Coding	A
Material	PUR
No. of poles	4
Width across flats	SW9
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855

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customs tainff number     85444280       GTN     4048873437868       Packaging unit     1       Electrical datal Supply        Operating voltage DC max.     60 V       Operating voltage DC max.     60 V       Operating voltage DC max.     60 V       Corrent operating per constart max.     4 A       Device protection   Electrical     30 V       Dagree of protection degree     inserted, screwed       Pollution Dagree     3       Rated surge voltage     1.5 Kv       Material group (EC 60664-1)     1       Mechanical data [ Material data     Color fonting (E 116 C 60529)       Caling locking     Nickeled       Cating locking     Nickeled       Cating of fitting     nickel plated       Color contact carier     green       Locking material     Zinc die casting       Material screw connection     Zinc	
Packaging unit   1     Electrical data [Supply     Operating voltage AC max.   50 V     Operating voltage DC max.   60 V     Operating voltage AC (UL-listed)   30 V     Operating voltage AC (UL-listed)   30 V     Current operating per context max.   4 A     Device protection [Electrical   Image: Comparison of the comparison of	
Electrical data   Supply       Operating voltage AC max.     50 V       Operating voltage DC max.     60 V       Operating voltage DC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Device protection   Electrical     Device protection (EN IEC 60529)     IP65, IP67, IP66K       Additional condition protection degree     inserted, screwed     Pellution Degree       Paties protection (EN IEC 60529)     IP55, IP67, IP66K     Additional condition protection degree     3       Rated surge voltage     1,5 kV     Material group (IEC 60664-1)     1       Mechanical data   Material data     Color fouting     Nickeled     Coating of fitting     nickel plated       Color fouting     black     Color fouting     Deckarge     Color contact carrier     green       Locking material     Zinc die-casting     Material screwed, Snaking protection     Material screwed concetion       Mounting method     inserted, screwed, Snaking protection     Environmethal characterististe   Climatic       Operating imperature max.     85 °C     Additional condition temperature max.     85 °C       Ope	
Operating voltage AC max.     50 V       Operating voltage DC max.     60 V       Operating voltage DC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Device protection   Electrical     Inserted, serveed       Device protection degree     3       Rated surge voltage     1,5 kV       Material group (EC 60684-1)     1       Mechanical data   Material data     Control (EC 60684-1)       Coating ol fitting     nickel plated       Color housing     Dlack       Color contact carrier     green       Locking material     Zinc die-casting       Material scree contection	
Operating voltage DC max.     60 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Device protection (Electrical     IPES, IPE7, IPE6K       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating locking       Coating locking     Nickeled       Coating locking     Nickeled       Color contact carrier     green       Locking material     Zinc die-casting       Material screw connection     Sinc die-casting       Material screw connection	
Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Degree of protection [Elettrical     IPestice protection [Elettrical       Degree of protection (EN IEC 60529)     IP65, IP67, IP66K       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60684-1)     1       Mechanical data   Material data     Coating of fitting       Coating of fitting     nickeled       Coating of fitting     nickeled       Coating of fitting     nickele plated       Color contact carrier     green       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     25 °C       Operating temperature min.     -25 °C       Contomity     DIN EN 61076-2	
Operating voitage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Device protection   Electrical     Device protection (EN IEC 60529)       Degree of protection degree     inserted, screwed       Polition Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 606241)     1       Mechanical data   Material data     Coating locking       Coating locking     Nickeled       Coating of fitting     nickel plated       Color contact carrier     green       Locking material     Zinc die-casting       Material group (IEC 606471)     1       Mechanical data   Mounting method     inserted, screwed, Shaking protection       Color contact carrier     green       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Gimatic     Operating temperature min.       -25 °C     Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Color     Din NE	
Current operating per contact max. 4 Å   Device protection   Electrical   Degree of protection (EN IEC 60529) IP65, IP67, IP66K   Additional condition protection degree inserted, screwed   Pollution Degree 3   Rated surge voltage 1,5 kV   Material group (IEC 6064-1) I   Mechanical data   Material data Image: Content of the screwed   Coaling of fitting nickel plated   Color housing black   Color contact carrier green   Locking material Zinc die-casting   Material screw connection Zinc die-casting   Material characteristics   Climatic Color contact carrier   Operating temperature main. -25 °C   Operating temperature	
Device protection   Electrical       Degree of protection (EN IEC 60529)     IP65, IP67, IP66K       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating locking       Coating locking     Nickeled       Coating of fitting     nickel plated       Color contact carrier     green       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Material group (ter Construction)     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Evironmental characteristics   Climatic       Coperating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Continuty     Evironmental characteristics   Climatic       Installation   Cable     Evilon       Color thication     611       Cable identification     611       C	
Degree of protection (EN IEC 60529)     IP65, IP67, IP66K       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating locking     Nickeled       Coating locking     Nickeled     Coating locking       Color contact carrier     green     Coating locking       Color contact carrier     green     Coding locking       Color contact carrier     green     Coding locking       Material screw connection     Zinc die-casting     Material screw connection       Mounting method     inserted, screwed, Shaking protection     Environmental characteristics   Climatic       Operating temperature min.     -25 °C     Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality     Condemity       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable       Installation   Cable     Coler chartificate     CURus       Amount stranding     1     Stranding     1	
Additional condition protection degree   Inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Coating locking   Nickeled     Coating locking   Nickeled   Coating locking     Color housing   black   Color contact carrier   green     Locking material   Zinc die-casting   Material screw connection   Zinc die-casting     Material screw connection   Zinc die-casting   Mechanical data   Mounting data     Mounting method   inserted, screwed, Shaking protection   Environmental characteristics   Climatic     Operating temperature min.   -25 °C   Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality   Conformity     Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)   Installation   Cable     Installation   Cable   Color   Diack   Type of Cartificate   CuRus     Anount stranding   1   Lacket Color   black   Type of Cartificate   CuRus     Anount stranding   1   Stranding   4 wires twisted   Wire arr	
Pollution Degree 3   Rated surge voltage 1,5 kV   Material group (IEC 60664-1) 1   Mechanical data   Material data Coating of fitting Nickeled   Coating of fitting nickel plated Color housing   Color housing black Color contact carrier   Color contact carrier green Color contact carrier   Material screw connection Zinc die-casting   Portating temperature man. -25 °C   Operating temperature max. 85 °C   Additional condition temperature range depending on cable quality   Conformity Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)   Installation   Cable   Cable identification 611<	
Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data [Material data   Coating of fitting   Nickeled     Coating of fitting   nickel plated   Cooling     Color notact carrier   green   Cooling     Locking material   Zinc die-casting   Material screw connection   Zinc die-casting     Material screw connection   Zinc die-casting   Material screw connection   Material screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature max.   85 °C   Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality   Conformity   Conformity     Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)   Installation   Cable     Cable identification   611   Cable identification   611     Cable identification   611   Cable identification   Gament is tranding   1     Amount stranding   1   Stranding   4 wires twisted   Mire arrangement   brown, black, blue, white     Cable weighh   34,76 g/m   Material jacket   PVC   Shore hardness jacket   85 ± 5 Shore A   Freeedom from	
Material group (IEC 60664-1)   1     Mechanical data   Material data     Coating locking   Nickeled     Coating of fitting   nickel plated     Color contact carrier   green     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable   Cable right     Cable Type   1     Jacket Color   black     Type of Certificate   cURus     Amount stranding   1     Stranding   4 wires twisted     wire arrangement   brown, black, blue, white     Cable weigh   34,76 g/m     Material jacket   PVC     Shore har	
Mechanical data   Material data       Coating locking     Nickeled       Coating of fitting     nickel plated       Color housing     black       Color contact carrier     green       Locking material     Zinc die-casting       Material serve connection     Zinc die-casting       Material serve connection     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       -25 °C     Operating temperature max.       Additional condition temperature range     depending on cable quality       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable     Cable right       Zable Type     1       Jacket Color     black       Type of Certificate     cURus       Anount stranding     1       Strading     4 wires twisted       wire arrangement     brown, black, blue, white       Cable wight     34,76 g/m       Material jacket     PVC       Shore hardness jacket	
Coating locking     Nickeled       Coating of fitting     nickel plated       Color housing     black       Color contact carrier     green       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Cool operating temperature min.       -25 °C     Operating temperature max.       AB °C     Additional condition temperature range       doperating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable     Cable identification       Cable identification     611       Cable Identification     611       Cable Identificate     cURus       Arroun stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigth	
Coating of fitting   nickel plated     Color housing   black     Color contact carrier   green     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable   Cable identification     Cable identification   611     Cable Zoron   black     Type of Certificate   cURus     Amount stranding   1     Stranding   4 wires twisted     wire arrangement   brown, black, blue, white     Cable weigth   34,76 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadnum-free, CFC-free, silicone-free	
Color housing     black       Color contact carrier     green       Looking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature range     depending on cable quality       Conformity     Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable       Cable identification     611     Cable identification     611       Cable I Spe     1     Jacket Color     black       Type of Certificate     cURus     Amount stranding     1       Stranding     4 wires twisted     wire arrangement     brown, black, blue, white       Cable weigth     34,76 g/m     Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A     Freedom from ingredients (jacket)     lead-free, cachium-free, CFC-free, silicone-free	
Color contact carrier green   Locking material Zinc die-casting   Material screw connection Zinc die-casting   Mechanical data   Mounting data Mounting method   Mounting method inserted, screwed, Shaking protection   Environmental characteristics   Climatic Coperating temperature min.   Operating temperature max. 85 °C   Additional condition temperature range depending on cable quality   Conformity Product standard   Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)   Installation   Cable Cable identification   Cable Identification 611   Cable IColor black   Type of Certificate cURus   Armount stranding 1   Stranding 4 wires twisted   wire arrangement brown, black, blue, white   Cable weigth 34,76 g/m   Material jacket PVC   Shore hardness jacket 85 ± 5 Shore A   Freedom from ingredients (facket) Iead-free, cadmium-free, CFC-free, silicone-free	
Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable   Cable identification     Cable identification   611     Cable Type   1     Jacket Color   black     Type of Certificate   cURus     Amount stranding   1     Stranding   4 wires twisted     wire arrangement   brown, black, blue, white     Cable weigth   34,76 g/m     Material jacket   PVC     Shore A   Freedom from ingredients (jacket)     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free	
Material screw connection Zinc die-casting   Mechanical data   Mounting data   Mounting method inserted, screwed, Shaking protection   Environmental characteristics   Climatic   Operating temperature min. -25 °C   Operating temperature max. 85 °C   Additional condition temperature range depending on cable quality   Conformity    Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)   Installation   Cable    Cable identification 611   Cable Type 1   Jacket Color black   Type of Certificate cURus   Amount stranding 1   Stranding 4 wires twisted   wire arrangement brown, black, blue, white   Cable weigth 34,76 g/m   Material jacket PVC   Shore A Freedom from ingredients (jacket)   Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free	
Mechanical data   Mounting data     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity      Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable      Cable identification   611     Cable Identification   611     Cable Color   black     Type of Certificate   cURus     Amount stranding   1     Stranding   4 wires twisted     wire arrangement   brown, black, blue, white     Cable weigth   34,76 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free	
Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity      Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable      Cable identification   611     Cable Identification   611     Cable Color   black     Type of Certificate   cURus     Amount stranding   1     Stranding   4 wires twisted     wire arrangement   brown, black, blue, white     Cable weigth   34,76 g/m     Material jacket   PVC     Shore A   Freedom from ingredients (jacket)     Iserder function   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free	
Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity     Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable   Cable identification     Gable identification   611     Cable Jype   1     Jacket Color   black     Type of Certificate   cURus     Amount stranding   1     Stranding   4 wires twisted     wire arrangement   brown, black, blue, white     Cable weigth   34,76 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free	
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityInstallation   CableProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identificationCable identification611Cable ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth34,76 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-free	
Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity      Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable      Cable identification   611     Cable IZype   1     Jacket Color   black     Type of Certificate   cURus     Amount stranding   1     Stranding   4 wires twisted     wire arrangement   brown, black, blue, white     Cable weigth   34,76 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free	
Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity      Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable      Cable identification   611     Cable IZype   1     Jacket Color   black     Type of Certificate   cURus     Amount stranding   1     Stranding   4 wires twisted     wire arrangement   brown, black, blue, white     Cable weigth   34,76 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free	
Additional condition temperature range   depending on cable quality     Conformity     Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable     Cable identification   611     Cable Type   1     Jacket Color   black     Type of Certificate   cURus     Amount stranding   1     Stranding   4 wires twisted     wire arrangement   brown, black, blue, white     Cable weigth   34,76 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free	
Product standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification611Cable Type1Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth34,76 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-free	
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Installation   Cable     Cable identification   611     Cable Type   1     Jacket Color   black     Type of Certificate   cURus     Amount stranding   1     Stranding   4 wires twisted     wire arrangement   brown, black, blue, white     Cable weigth   34,76 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free	
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Cable Type   1     Jacket Color   black     Type of Certificate   cURus     Amount stranding   1     Stranding   4 wires twisted     wire arrangement   brown, black, blue, white     Cable weigth   34,76 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free	
Jacket Color   black     Type of Certificate   cURus     Amount stranding   1     Stranding   4 wires twisted     wire arrangement   brown, black, blue, white     Cable weigth   34,76 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free	
Type of Certificate   cURus     Amount stranding   1     Stranding   4 wires twisted     wire arrangement   brown, black, blue, white     Cable weigth   34,76 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free	
Amount stranding   1     Stranding   4 wires twisted     wire arrangement   brown, black, blue, white     Cable weigth   34,76 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free	
Stranding   4 wires twisted     wire arrangement   brown, black, blue, white     Cable weigth   34,76 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free	
wire arrangement brown, black, blue, white   Cable weigth 34,76 g/m   Material jacket PVC   Shore hardness jacket 85 ± 5 Shore A   Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free	
Cable weigth 34,76 g/m   Material jacket PVC   Shore hardness jacket 85 ± 5 Shore A   Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free	
Material jacket PVC   Shore hardness jacket 85 ± 5 Shore A   Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free	
Shore hardness jacket 85 ± 5 Shore A   Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free	
Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer diameter (jacket)	
Outer diameter (insket)	
Guter-ulariteter (Jaunet) 4,8 mm	
Tolerance outer diameter (sheath)± 5 %	
Material wire insulation PVC	
Amount wires 4	
Outer diameter insulation 1,25 mm	
Outer diameter tolerance core insulation ± 5 %	
Shore hardness wire insulation 45 ± 5 Shore D	
Material properties wire insulation good machinability	
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	

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



Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
Nominal voltage power AC max.	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)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
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

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