

M8 male 0° / M8 female 90° A-cod. snap-in

PUR 3x0.25 bk UL/CSA+robot+drag ch. 2m

Male straight – female 90°

M8 (Snap In) - M8 (Snap In), 3-pole

Further cable lengths on request.

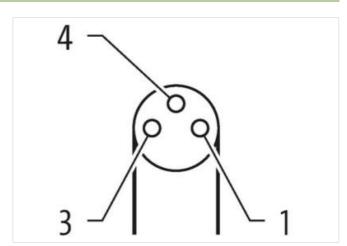
Plastic housings with good resistance against chemicals and oils.

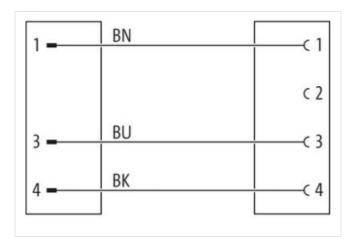
The resistance to aggressive media should be individually tested for your application. Further details on request.

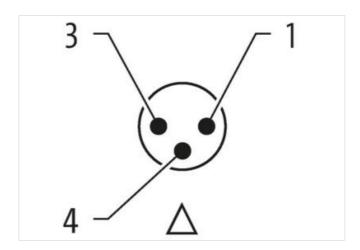
Link to Product

Illustration



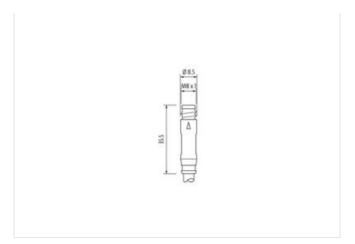


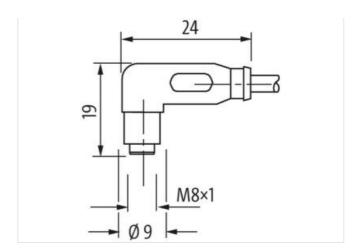






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Product may differ from Image











Cable length	2 m
Side 1	
Thread	M8
suitable for corrugated tube (internal Ø)	6,5 mm
Electrical data Supply	
Operating voltage AC max.	50 V
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	
Degree of protection (EN IEC 60529)	IP65
Additional condition protection degree	inserted, locked
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Material housing	PUR
Mechanical data Mounting data	
Looking techniques	Snap In
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 61076-2-114 (M8)
Installation Cable	
Cable identification	650
Cable Type	5
Jacket Color	black



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Stranding 3 wires twisted wire arrangement brown, black, blue wire arrangement brown, black, blue brown, black brown, bl	Type of Certificate	cURus
wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Acable weight 26.4 pm Material jacket PUR Shore hardness jacket Feedom from ingredients (jacket) Outer-climater (jacket) Outer-climater (jacket) 1.25 mm Outer diameter (jacket) Outer-diameter (jacket) 1.25 mm Outer diameter insulation PP Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter insulation 71.2 Shore D Ingredient freeness wire insulation 1.25 mm Outer diameter insulation 71.2 Shore D Ingredient freeness wire insulation 1.25 mm Outer diameter (sheath) 32 Diameter of single wire Outer diameter (sheath) 32 Diameter of single wire Outer diameter (sheath) 33 Outer diameter (sheath) 34 Diameter of single wire Outer diameter (sheath) 35 Conductor (vipo (wire) 36 Conductor (vipo (wire) Shanded copper wire, bare Conductor (vipo (wire) Shanded capacity (standard) Outer of capacity	Amount stranding	1
No. of bending cycles (C-track) 28.4 g/m Material jacket 58.2 Shore In Freedom from ingredients (jacket) Outer diameter (jacket) Amount wires 3 Outer diameter (jacket) Amount wires 3 Outer diameter (jacket) Amount wires 3 Outer diameter (jacket) 5 % Amount wires 3 Outer diameter (jacket) 74 ± 3 Shore In Freedom from Ingredients (jacket) 1,25 mm Outer diameter (jacket) 74 ± 3 Shore In Freedom from Ingredients (jacket) 1,25 mm Outer diameter (jacket) 74 ± 3 Shore In Freedom from Ingredient freeness wire insulation 1,25 mm Outer diameter (jacket) 74 ± 3 Shore In Freedom from Ingredient freeness wire insulation 1,25 mm Outer diameter (jacket) 74 ± 3 Shore Ingredient freeness wire insulation 1,25 mm Outer diameter (jacket) 2,5 mm² Material volume (jacket) 1,25 mm Outer diameter (jacket) 1,25 km @ 60 s O	Stranding	3 wires twisted
Cable weight 26.4 g/m Material picket PUR Material picket S8.2 s Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 4.3 mm Tolerance outer diameter (sheath) 5.5 % Material vive insulation PP Amount virios 3 Outer diameter tolerance core insulation 1.25 mm Outer diameter insulation 74.3 Shore D Norther hardness virie insulation 74.3 Shore D Important Foreness wire insulation 74.3 Shore D Amount strands (vire) 32 Diameter of single wires 0,1 mm Conductor crosssection (virio) 0,25 mm² Amount strands (vire) 32 Diameter of single wires 0,1 mm Conductor type (vire) 31 Traversing distance (C-track) 5 m² 25 °C horizontal Current load capacity (standard) 1 to DIN VDE 0288 4 Current load capacity (standard) 1 to DIN VDE 0288 4 Current load capacity (standard) 10 DIN VDE 0280 6 <td< td=""><td>wire arrangement</td><td>brown, black, blue</td></td<>	wire arrangement	brown, black, blue
Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freadom from Ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) ± 3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter reloterance core insulation ± 5 % Shore hardness wire insulation 1,25 mm Outer diameter oblerance core insulation ± 5 % Shore hardness wire insulation 1,25 mm Outer diameter oblerance core insulation ± 5 % Shore hardness wire insulation 1,4 ± 3 Shore D Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor type (wire) 9,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) \$ strand class 6 Traversing distance (C-track) 5 m @ 25 °C Invizontal Current load capacity min. wire 4,5 A Electrical resistance (inc constant wire year) 2,5	No. of bending cycles (C-track)	10 Mio. @ 25 °C
Shore hardness jacket	Cable weigth	26,4 g/m
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, sillcone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Shore hardness wire insulation 1,4 3 Shore D Ingredient freeness wire insulation 2,2 5 mm² Conductor by englewes 0,1 mm Conductor by englewes 0,1 mm Conductor by englewes 0,2 mm² Material conductor wire 5 made dopper wire, bare Current load capacity (standard) to DIN VDE 0298 4 Current load capacity (standard) to DIN VDE 0298 4	Material jacket	PUR
Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Marterial wire insulation PP Amount wires 3 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation 18 ± 5 % Shore hardness wire insulation 18 ± 5 % Dameter of single wires 0,1 mm Conductor reassection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 8 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity win. wire 4.5 A Electrical resistance line constant wire 79 0/km @ 20 °C Nominal voltage power (wire - wire) 2.5 kV @ 60 s Min. operating temperature (tixed) -40 °C Max. operating temperature mix. (dynamic) 20 °C / 90 °C @ 10000 h Operation Operating temperature mix. (dynamic) 25 °C @ 10000 h Operation <td>Shore hardness jacket</td> <td>58 ± 3 Shore D</td>	Shore hardness jacket	58 ± 3 Shore D
Tolerance outer diameter (sheath)	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 3 Cuter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation 12 meters of single wires Amount strands (wire) 32 Diameter of single wires 0.1 mm Conductor or Sessection (wire) 0.25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity with wire 4.5 A Power frequency withstand voltage power (wire - wire) 2.5 kV @ 60 s Material woltage power (wire - wire) 2.5 kV @ 60 s Min. operating temperature (fixed) 80 °C / 90 °C@ 10000 h Operation Operating temperature (fixed) 80 °C / 90 °C@ 10000 h Operation UV resistance IDIN EN ISO 4892-2 A Flame resistance IEC 60332-2 2	Outer-diameter (jacket)	4,3 mm
Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter insulation 74 ± 3 Shore D Ingredient freeness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation 194 ± 3 Shore D Ingredient freeness wire insulation 194 ± 3 Shore D Ingredient freeness wire insulation 194 ± 3 Shore D Ingredient freeness wire insulation 194 ± 32 Diameter of single wires 0,1 mm Conductor crossection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) 10 DIN VDE 0298-4 Current load capacity (standard) 10 DIN VDE 0298-4 Current load capacity min wire 4,5 A Shore	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor rosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) 10 DIN VDE 0298-4 Current load capacity wini. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power Ac max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (fixed) 40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance GC 60332-2×2 U. 1581 § 1100 FT2 U. 1581 § 1090 Chemerical resistance Good. application-related testing	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0.1 mm Conductor crosssection (wire) Stranded copper wire, bare Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to INI VDE 0298-4 Current load capacity min. wire 4.5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal vollage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2.5 kV @ 60 s Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) 25 °C Operating temperature max. (dynamic) 25 °C Operating temperature max. (dynamic) 25 °C Operating temperature max. (dynamic) 60 °C / 90 °C @ 10000 h Operation UV resistance Good, applicatio	Amount wires	3
Shore hardness wire insulation	Outer diameter insulation	1,25 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C ; 90 °C @ 10000 h Operation Operating temperature max. (dynamic) 80 °C ; 90 °C @ 10000 h Operation UV resistance DIN EN SCA 982-2 A Elementical resistance Good, application-related testing Gasoline resistance DIN EN 660332-22 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance DIN EN 66031-40 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (fixed) 5 x Outer diameter Bending radius (fixed) 5 x Outer diameter No. of torsion cycles 1 Mio. Commercial data customs tariff number 85444290 GTIN 404879666251	Outer diameter tolerance core insulation	±5%
Amount strands (wire) 32 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) 25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892.2 A Flame resistance [EC 60332-22-] UL 1581 § 1100 FT2 UL 1581 § 109 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter <	Shore hardness wire insulation	74 ± 3 Shore D
Diameter of single wires 0,1 mm Conductor crossection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature mix. (dynamic) 25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gli resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation OPerating temperature max. (dynamic) 25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 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)	Amount strands (wire)	32
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Oli resistance DIN EN ISO 4892-1 UL 1581 § 1090 chemical resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Out	Diameter of single wires	0,1 mm
Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 0/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV @ 60 s AC withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) 25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Torsion speed 35 cycles/min Torsion speed 35 cycles/min Torsion sterist number 85444290 GTIN 4048879666251	Conductor crosssection (wire)	0,25 mm ²
Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV @ 60 s AC withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 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 Torsion speed 35 cycles/min Torsion stress ±	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 \(\Omega \text{LW} \) @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV \(\omega \text{LW} \) 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UIY resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 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 (flynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 1 I.Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data customs tariff number 85444290 GTIN 4048879666251	Conductor type (wire)	strand class 6
Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - query withstand voltage power (wire - jacket) 2,5 kV @ 60 s AC withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 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 × Outer diameter No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data Customs tariff number 85444290 GTIN <td>Traversing distance (C-track)</td> <td>5 m @ 25 °C horizontal</td>	Traversing distance (C-track)	5 m @ 25 °C horizontal
February	Current load capacity (standard)	to DIN VDE 0298-4
Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - piacket) 2.5 kV @ 60 s AC withstand voltage power (wire - wire) 2.5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 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 No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data customs tariff number 85444290 GTIN 4048879666251	Current load capacity min. wire	4,5 A
Power frequency withstand voltage power (wire - pixel) AC withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) UV resistance DIN EN ISO 4892-2 A Flame resistance [EC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data customs tariff number 85444290 GTIN 4048879666251	Electrical resistance line constant wire	79 Ω/km @ 20 °C
(wire - jacket) AC withstand voltage power (wire - wire) AC word of 0 c 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Nominal voltage power AC max.	300 V
Min. operating temperature (static) Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data customs tariff number 85444290 GTIN 4048879666251	Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 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 No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data customs tariff number 85444290 GTIN 4048879666251	AC withstand voltage power (wire - wire)	2,5 kV @ 60 s
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) OPERATING AND STATE OF COMMERCIAL COLUMN 100 COLUM	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance EC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data customs tariff number 85444290 GTIN 4048879666251	Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 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 No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data customs tariff number 85444290 GTIN 4048879666251	Operating temperature min. (dynamic)	-25 °C
Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data customs tariff number 85444290 GTIN 4048879666251	Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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 No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data customs tariff number 85444290 GTIN 4048879666251	UV resistance	DIN EN ISO 4892-2 A
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 No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data customs tariff number 85444290 GTIN 4048879666251	Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data customs tariff number 85444290 GTIN 4048879666251	chemical resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data customs tariff number 85444290 GTIN 4048879666251	Gasoline resistance	
Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data customs tariff number 85444290 GTIN 4048879666251	Oil resistance	DIN EN 60811-404 Good, application-related testing
No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data customs tariff number 85444290 GTIN 4048879666251	Bending radius (fixed)	5 x Outer diameter
Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data customs tariff number 85444290 GTIN 4048879666251	Bending radius (dynamic)	10 x Outer diameter
Torsion stress ± 360 °/m Commercial data customs tariff number 85444290 GTIN 4048879666251	No. of torsion cycles	1 Mio.
Commercial data customs tariff number 85444290 GTIN 4048879666251	Torsion speed	35 cycles/min
customs tariff number 85444290 GTIN 4048879666251	Torsion stress	± 360 °/m
GTIN 4048879666251	Commercial data	
	customs tariff number	85444290
Packaging unit 1	GTIN	4048879666251
	Packaging unit	1