

## M12 female 0° A-cod. with cable

PUR 4x0.34 ye UL/CSA 1m

## **⚠ NOTICE ⚠** PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Female straight

M12, 4-pole

with cable sleeves

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.

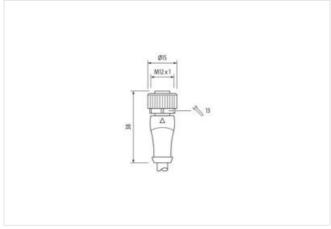
Further cable lengths on request.

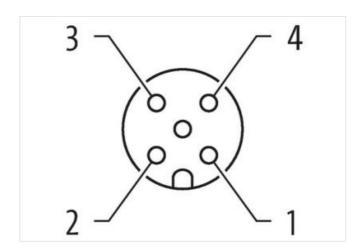
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

1 m



stay connected

Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	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
customs tariff number	85444290
GTIN	4048879213257
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
	70
Installation   Connection	
Mounting set	M12 x 1
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	I
Mechanical data   Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	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	
	DINI FNI 61076 2 101 (M12)
Product standard	DIN EN 61076-2-101 (M12)



stay	conne	cted
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Jacket Color	Cable identification	024
Type of Certificate         cURIus           Amount stranding         1           Stranding         4 wire stwisted           wire arrangement         brown, black, blue, white           Cable weight         42,68 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         4,6 mm           Outer-diameter (jacket)         4,5 mm           Tolerance outer diameter (jacket)         5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter (jacket)         4,5 mm           Outer diameter (jacket)         4,3 ± 5 Shore D           Material properties w	Cable Type	2
Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         42,68 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4 6 mm           Tolerance under diameter (sheath)         5 %           Material wire insulation         PVC           Annount wires         4           Outer diameter insulation         1,25 mm           Outer diameter insulation         1,25 mm           Material properties wire insulation         32 5 Shore b           Shore hardness wire insulation         33 5 Shore b           Martinal properties wire insulation         32 1 Shore b           Impression of the senses wire insulation         1,25 mm           Ingredient treeness wire insulation         1,25 mm           Ingredient treeness wire insulation         1,21 mm           Conductor type (wire)         32 mm           Diameter of single wires         0,1 mm           Conductor rosseeding (wire)         0,1 mm           Material conductor wire         5 mm 2 5	Jacket Color	yellow
Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigh         42,88 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         18 d+ fee, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,6 mm           Tolerance outer diameter (jacket)         4,6 mm           Amount wires         4           Outer diameter insulation         PVC           Amount wires         4           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         43 ± 5 Shore D           Shore hardness wire insulation         43 ± 5 Shore D           Material properties wire insulation         43 ± 5 Shore D           Material properties wire insulation         J mm           Ingredient freeness wire insulation         90 of machinability           Ingredient freeness wire insulation         91 mm           Conductor View (ire)         91 mm	Type of Certificate	cURus
wire arrangement brown, black, blue, white Cable weight 42,68 g/m	Amount stranding	1
Cable weight         42,68 g/m           Material jacket         PUR           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Annount wires         4           Outer diameter tolerance core insulation         1,25 mm           Outer diameter insulation         42 5 Shore D           Material properties wire insulation         43 ± 5 Shore D           Material properties wire insulation         43 ± 5 Shore D           Material properties wire insulation         10 mm           Impedient reseas wire insulation         90 domachinability           Impedient reseass wire insulation         10 mm           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor or Sessection (wire)         0,34 mm²           Material conductor virie         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	Stranding	4 wires twisted
Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from Ingredients (jacket)         4,6 mm           Outer-diameter (jacket)         4,6 mm           Tolerance outer diameter (shealth)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         1,25 mm           Outer diameter insulation         43 ± 5 Shore D           Material properties 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 strands (wire)         32           Diameter of single wires         0,1 mm           Conductor crossection (wire)         0,34 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 VE 0288-4           Current load capacity (standard)         to DIN VE 0288-4           Current load capacity (standard)         to DIN VE 0280-0           Nominal voltage power (wire - jacket) <td>wire arrangement</td> <td>brown, black, blue, white</td>	wire arrangement	brown, black, blue, white
Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor strands (wire)         32           Diameter of single wires         0,1 mm           Conductor type (wire)         Stranded copper wire, bare           Conductor type (wire)         Stranded copper wire, bare           Traversing distance (C-track)         5 m @ 25 °C (Indizontal)           Current load capacity (standard)         to DIN VDE 0298-4           Current load capac	Cable weigth	42,68 g/m
Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         1,25 mm           Outer diameter lorlarance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor crossection (wire)         0,34 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         3,6 m           Electrical resistance line constant wire         57 °Dkm @ 20 °C           Nominal voltage power AC max.         300 V <td>Material jacket</td> <td>PUR</td>	Material jacket	PUR
Outer-diameter (acket)         4,6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness wire insulation         good machinability           Ingredient freeness wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor orssection (wire)         0,34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         stranded cape type (wire)           Stranded cape (wire)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         57 Ωkm @ 20 °C           Nomi	Shore hardness jacket	85 ± 5 Shore A
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 43 ± 5 Shore D  Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 32  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,34 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 min. wire 3.6 A  Electrical resistance line constant wire 57 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s  AC withstand voltage power (wire) 30 °C  Max. operating temperature (static) -30 °C  Max. operating temperature max. (dynamic) 80 °C  Operating temperature max. (dynamic) -5 °C  Operating temperature (static) -30 °C  Max. operating temperature (static) -30 °C  Max. operating temperature max. (dynamic) -5 °C  Operati	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material wire insulation         PVC           Amount wires         4           Outer dameter insulation         1,25 mm           Outer dameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Material properties wire insulation         good anchinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount stands (wire)         32           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 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 min. wire         3,6 A           Electrical resistance line constant wire         57 Ω/km @ 20 °C           Nominal voltage power AC max.         300 V           Power frequency withstand voltage power (wire - wire)         2 kV @ 60 s           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -5 °C	Outer-diameter (jacket)	4,6 mm
Amount wires         4           Outer diameter insulation         1,25 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           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0.34 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         3.6 A           Electrical resistance (Incordant wire         57 O/km @ 20 °C           Nominal voltage power AC max.         300 V           Power frequency withstand voltage power (wire - wire)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           Max. operating temperature (fixed)         80 °C           Operating temperature max. (dynamic)         -5 °C           Operating temperature max. (dynamic)         -5 °C	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation         1,25 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           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor crossection (wire)         0.34 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 wini, wire         3,6 A           Electrical resistance line constant wire         57 Ωkm @ 20 °C           Nominal voltage power AC max.         300 V           Power frequency withstand voltage power (wire - wire)         2 kV @ 60 s           Max. operating temperature (fixed)         80 °C           Operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature min. (dynamic) </td <td>Material wire insulation</td> <td>PVC</td>	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 strands (wire)         32           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 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 min. wire         3,6 A           Electrical resistance line constant wire         57 Ω/km @ 20 °C           Nominal voltage power AC max.         300 V           Power frequency withstand voltage power (wire - wire)         2 kV @ 60 s           Min. operating temperature (static)         -30 °C           Max. operating temperature (static)         30 °C           Operating temperature (min. (dynamic)         -5 °C           Operating temperature min. (dynamic)         80 °C           Flame resistance <td>Amount wires</td> <td>4</td>	Amount wires	4
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 strands (wire)         32           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         stranded 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         3,6 A           Electrical resistance line constant wire         57 Ω/km @ 20 °C           Nominal voltage power AC max.         300 V           Power frequency withstand voltage power (wire - wire)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           Max. operating temperature (fixed)         80 °C           Operating temperature (mixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature min. (dynamic)         -6 °C           Operating temperature max. (	Outer diameter insulation	1,25 mm
Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 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         3,6 A           Electrical resistance line constant wire         57 Ω/km @ 20 °C           Nominal voltage power AC max.         300 V           Power frequency withstand voltage power (wire - wire)         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 max. (dynamic)         5 °C           Operating temperature max. (dynamic)         80 °C           Flame resistance         UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2           chemical resistance         Good, application-related testing	Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 32  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,34 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 min. wire 3.6 A  Electrical resistance line constant wire 57 C/km @ 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - iaxket) 2 kV @ 60 s  Min. operating temperature (static) -30 °C  Max. operating temperature (static) -30 °C  Operating temperature min. (dynamic) 5° °C  Operating temperature max. (dynamic) 80 °C  Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance  No. of bending cycles (C-track) 2 Mio. Q25 °C  Bending radius (fixed) 10 x Outer diameter	Shore hardness wire insulation	43 ± 5 Shore D
Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 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         3,6 A           Electrical resistance line constant wire         57 Ωkm @ 20 °C           Nominal voltage power AC max.         300 V           Power frequency withstand voltage power (wire - wire)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           Max. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         80 °C           Flame resistance         UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2           chemical resistance         Good, application-related testing           Oil resistance         Good, application-related testing   DIN EN 60811-404           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Bending radius	Material properties wire insulation	good machinability
Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 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         3,6 A           Electrical resistance line constant wire         57 Ωkm @ 20 °C           Nominal voltage power AC max.         300 V           Power frequency withstand voltage power (wire - wire)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           Max. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         80 °C           Flame resistance         UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2           chemical resistance         Good, application-related testing           Oil resistance         Good, application-related testing   DIN EN 60811-404           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Bending radius	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Conductor crosssection (wire)         0,34 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         3,6 A           Electrical resistance line constant wire         57 Ω/km @ 20 °C           Nominal voltage power AC max.         300 V           Power frequency withstand voltage power (wire - wire)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           Min. operating temperature (static)         -30 °C           Max. operating temperature (ixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         80 °C           Chemical resistance         UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing   DIN EN 60811-404           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Bending radius (fixed)         10 x Outer diameter	Amount strands (wire)	
Conductor crosssection (wire)         0,34 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         3,6 A           Electrical resistance line constant wire         57 Ω/km @ 20 °C           Nominal voltage power AC max.         300 V           Power frequency withstand voltage power (wire - wire)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           Min. operating temperature (static)         -30 °C           Max. operating temperature (ixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         80 °C           Chemical resistance         UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing   DIN EN 60811-404           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Bending radius (fixed)         10 x Outer diameter	Diameter of single wires	0,1 mm
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 3,6 A  Electrical resistance line constant wire 57 \( \Omega \text{tm} \) @ 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s  AC withstand voltage power (wire - wire) 2 kV @ 60 s  Min. operating temperature (static) -30 °C  Max. operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  Flame resistance UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance Good, application-related testing   DIN EN 60811-404  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Bending radius (fixed) 10 x Outer diameter		0.34 mm <sup>2</sup>
Traversing distance (C-track) 5 m @ 25 °C   horizontal  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 3,6 A  Electrical resistance line constant wire 57 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s  AC withstand voltage power (wire - wire) 2 kV @ 60 s  Min. operating temperature (fixed) 80 °C  Operating temperature (fixed) 80 °C  Operating temperature max. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  Flame resistance UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance Good, application-related testing   DIN EN 60811-404  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Bending radius (fixed) 10 x Outer diameter	Material conductor wire	Stranded copper wire, bare
Traversing distance (C-track) 5 m @ 25 °C   horizontal  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 3,6 A  Electrical resistance line constant wire 57 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s  AC withstand voltage power (wire - wire) 2 kV @ 60 s  Min. operating temperature (fixed) 80 °C  Operating temperature (fixed) 80 °C  Operating temperature max. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  Flame resistance UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance Good, application-related testing   DIN EN 60811-404  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Bending radius (fixed) 10 x Outer diameter	Conductor type (wire)	
Current load capacity min. wire       3,6 A         Electrical resistance line constant wire       57 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - gacket)       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         Flame resistance       UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       Good, application-related testing   DIN EN 60811-404         No. of bending cycles (C-track)       2 Mio. @ 25 °C         Bending radius (fixed)       10 x Outer diameter	Traversing distance (C-track)	5 m @ 25 °C   horizontal
Electrical resistance line constant wire 57 \( \Omega / \text{km} \) 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - wire) 2 kV \( \text{ 60 s} \)  AC withstand voltage power (wire - wire) 2 kV \( \text{ 60 s} \)  Min. operating temperature (static) -30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  Flame resistance UL 1581 \( \frac{1}{2} \) 100 FT2   IEC 60332-2-2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance Good, application-related testing   DIN EN 60811-404  No. of bending cycles (C-track) 2 Mio. \( \text{ 25 °C} \)  Bending radius (fixed) 10 x Outer diameter	Current load capacity (standard)	to DIN VDE 0298-4
Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - jacket)	Current load capacity min. wire	3,6 A
Power frequency withstand voltage power (wire - jacket)  AC withstand voltage power (wire - wire)  AC withstand voltage power (with a wire)  AC with and with a wire wit	Electrical resistance line constant wire	57 Ω/km @ 20 °C
(wire - jacket)  AC withstand voltage power (wire - wire)  2 kV @ 60 s  Min. operating temperature (static)  AS °C  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  Flame resistance  UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Oil resistance  Good, application-related testing   DIN EN 60811-404  No. of bending cycles (C-track)  2 Mio. @ 25 °C  Bending radius (fixed)  10 x Outer diameter	Nominal voltage power AC max.	300 V
Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Oul. 1581 § 1090   UL. 1581 § 1100 FT2   IEC 60332-2-2  Chemical resistance  Good, application-related testing  Oil resistance  Good, application-related testing   DIN EN 60811-404  No. of bending cycles (C-track)  2 Mio. @ 25 °C  Bending radius (fixed)  10 x Outer diameter	Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
Max. operating temperature (fixed)  Operating temperature min. (dynamic)  -5 °C  Operating temperature max. (dynamic)  80 °C  Flame resistance  UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Oil resistance  Good, application-related testing   DIN EN 60811-404  No. of bending cycles (C-track)  2 Mio. @ 25 °C  Bending radius (fixed)  10 x Outer diameter	AC withstand voltage power (wire - wire)	2 kV @ 60 s
Operating temperature min. (dynamic) Operating temperature max. (dynamic) 80 °C Flame resistance UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing   DIN EN 60811-404 No. of bending cycles (C-track) 2 Mio. @ 25 °C Bending radius (fixed) 10 x Outer diameter	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic) 80 °C  Flame resistance UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance Good, application-related testing   DIN EN 60811-404  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Bending radius (fixed) 10 x Outer diameter	Max. operating temperature (fixed)	80 °C
Flame resistance UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing   DIN EN 60811-404 No. of bending cycles (C-track) 2 Mio. @ 25 °C Bending radius (fixed) 10 x Outer diameter	Operating temperature min. (dynamic)	-5 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing   DIN EN 60811-404 No. of bending cycles (C-track) 2 Mio. @ 25 °C Bending radius (fixed) 10 x Outer diameter	Operating temperature max. (dynamic)	80 °C
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing   DIN EN 60811-404 No. of bending cycles (C-track) 2 Mio. @ 25 °C Bending radius (fixed) 10 x Outer diameter	Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
Oil resistance Good, application-related testing   DIN EN 60811-404  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Bending radius (fixed) 10 x Outer diameter	chemical resistance	Good, application-related testing
No. of bending cycles (C-track)  2 Mio. @ 25 °C  Bending radius (fixed)  10 x Outer diameter	Gasoline resistance	Good, application-related testing
Bending radius (fixed) 10 x Outer diameter	Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed) 10 x Outer diameter	No. of bending cycles (C-track)	2 Mio. @ 25 °C
Bending radius (dynamic) 15 x Outer diameter		10 x Outer diameter
	Bending radius (dynamic)	15 x Outer diameter