

### M8 male $90^{\circ}$ / M8 female $90^{\circ}$ A-cod. snap-in LED

PUR 3x0.25 gy UL/CSA 1m

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

Male 90° – female 90° M8 (Snap In) – M8 (Snap In), 3-pole 2× LED (PNP), (NPN) on request

Further cable lengths on request.

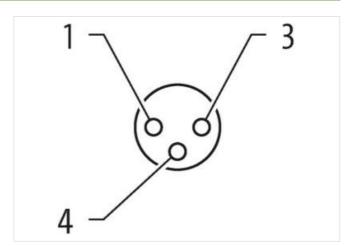
Plastic housings with good resistance against chemicals and oils.

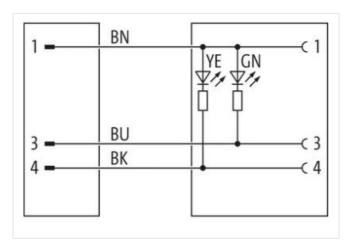
The resistance to aggressive media should be individually tested for your application. Further details on request.

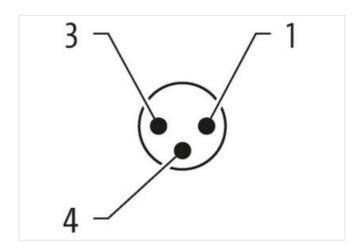
### **Link to Product**

#### Illustration



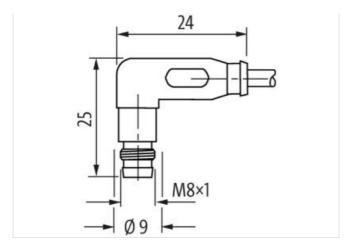


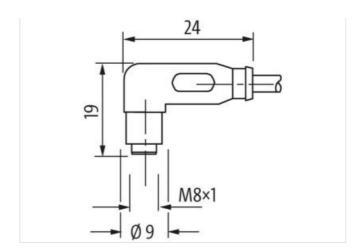






stay connected





Product may differ from Image











Cable length	1 m
Side 1	
Thread	M8
suitable for corrugated tube (internal Ø)	6,5 mm
Electrical data   Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Operating voltage DC max. (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	green, yellow
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP65
Additional condition protection degree	inserted, locked
Pollution Degree	3
Rated surge voltage	0,8 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	220



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Type of Certificate	Cable Type	2
Amount stranding 1  Stranding 3 wires twisted wire arrangement brown, black, blue  Cable weight 26,62 g/m  Meterial jacket PUR  Shore hardness jacket 85 ± 5 Shore A  Freedom from Ingredients (jacket)   lead-free, calmum-free, CFC-free, silicone-free  Outer diameter (jacket) 4,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter (jacket) 1,25 mm  Outer diameter (jacket) 4,3 mm  Tolerance outer diameter (jacket) 1,25 mm  Outer diameter (	Jacket Color	gray
Stranding   3 wires twisted	Type of Certificate	cURus
wire arrangement         brown, black, blue           Gable weight         26.62 g/m           Material jacket         PUR           Shoro hardness jacket         85.15 Shoro A           Freedom from ingredients (jacket)         4.3 mm           Tolerance outer diameter (jacket)         4.3 mm           Tolerance outer diameter (scheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,25 mm           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         good machinability           Ingredient freeness wire insulation         good machinability           Ingredient freeness wire insulation         good machinability           Outer diameter of single wires         0,1 mm           Oranductor orsess wire insulation         good machinability           Ingredient freeness wire insulation         good machinability           Outer of single wires         0,1 mm           Outer of single wires         0,1 mm	Amount stranding	1
Cable weigh         26,62 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)         4,3 mm           Tolerance outer diameter (shatt)         ± 5 %           Material were insulation         PVC           Amount wires         3           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Material properties wire insulation         good machinability           Ingrestient freeness wire insulation         lead-free, cadmium-free, CFC-free, silcone-free           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor pressection (wire)         0,2 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         5 m @ 25 °C   horizontal	Stranding	3 wires twisted
Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         leaf-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4.3 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1.25 mm           Outer diameter tolerance core insulation         43 ± 5 Shore D           Shore hardness 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 recessection (wire)         32           Diameter of single wires         0,1 mm           Conductor recessection (wire)         \$25 m²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Traversing distance (C-track)         2 M @ @ 25 °C           Nominal Voltage AC max         300 V           Current load capacity grin. wire         4,5 A	wire arrangement	brown, black, blue
Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead free, cadmium-free, CFC-free, silicone-free           Under-diameter (jacket)         4,3 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter tolerance core insulation         1,25 mm           Outer diameter tolerance core insulation         45 %           Shore hardness wire insulation         40 ± 5 Shore D           Material properties wire insulation         900 machinability           Ingredient freeness wire insulation         90.25 mm²	Cable weigth	26,62 g/m
Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free	Material jacket	PUR
Outer-diameter (jacket)         4,3 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           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)         0,25 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Traversing distance (C-track)         5 m @ 25 °C   horizon	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           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           Armount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor vire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (standard) </td <td>Freedom from ingredients (jacket)</td> <td>lead-free, cadmium-free, CFC-free, silicone-free</td>	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material wire insulation         PVC           Amount wires         3           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)         0,25 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Traversing distance (C-track)         5 m @ 25 °C   Nominal voltage (C-track)           Nominal voltage AC max.         300 V           Current load capacity min. wire         4,5 A           Electrical resistance line constant wire         49 D/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Max. operating temperature (static)         30	Outer-diameter (jacket)	4,3 mm
Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter insulation 2,5 mm Outer diameter tolerance core 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 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 Travel speed (C-track) 2 Mio. @ 25 °C Nominal voltage AC max. 300 V 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 AC withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature max. (dynamic) 10 × Outer diameter Bending radius (fixed) 80 °C volume diameter Bending radius (fixed) 10 × Outer diameter Commercial dista Customs tariff number 85444290	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         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor orsessection (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           Traversing distance (C-track)         2 Mio. @ 25 °C           Nominal voltage AC max.         300 V           Current load capacity min. wire         4,5 A           Electrical resistance line constant wire         79 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - isize)         30 °C           Max. operating temperature (static)         30 °C           Max. operating temperature (static)         80 °C           Operating temperature min. (dynamic)         5 °C           Operating temperature max. (dynamic)         60 °C           Operating temperature max. (dynamic)         60 °C     <	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)         0,25 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Traversing distance (C-track)         2 Mio. @ 25 °C           Nominal voltage AC max.         300 V           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           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire)         2 kV @ 60 s           Power frequency withstand voltage (wire)         2 kV @ 60 s           Max. operating temperature (static)         30 °C           Max. operating temperature max. (dynamic)         -5 °C           Operating temperature max.	Amount wires	3
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)         0,25 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Traversing distance (C-track)         2 Mio. @ 25 °C           Nominal voltage AC max.         300 V           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           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - given)         2 kV @ 60 s           Min. operating temperature (static)         -30 °C           Max. operating temperature (ixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature min. (dynamic) </td <td>Outer diameter insulation</td> <td>1,25 mm</td>	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)         0,25 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Travel speed (C-track)         2 Mio. @ 25 °C           Nominal voltage AC max.         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Min. operating temperature (static)         -30 °C           Max. operating temperature min. (dynamic)         -5 °C           Operating temperature min	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) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C   horizontal Travel speed (C-track) 2 Mio. @ 25 °C Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - lacket) 30 °C Max. operating temperature (static) 40 °C Max. operating temperature (static) 40 °C Operating temperature min. (dynamic) 5 °C Operating temperature max. (dynamic) 80 °C Flame resistance UL 1581 § 1090   EC 60332-2-2   UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Baciline resistance DIN EN 60811-404   Good, application-related testing Bending radius (fixed) 10 x Outer diameter  Commercial data customs tariff number 85444290	Shore hardness wire insulation	43 ± 5 Shore D
Amount strands (wire) 32  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,2 smr²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Travel speed (C-track) 2 Mio. @ 25 °C  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity (wire wire) 79 Ω/km @ 20 °C  AC withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - gacket) 30 °C  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 Good, application-related testing  Gasoline resistance DIN E 60014 Good, application-related testing  Bending radius (fixed) 10 × Outer diameter  Commercial data  customs tariff number 85444290	Material properties wire insulation	good machinability
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  Traver sing distance (C-track) 5 m @ 25 °C   horizontal  Traver singed (C-track) 2 Mio. @ 25 °C  Nominal voltage AC max. 300 V  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  AC withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - 2 kV @ 60 s  Min. operating temperature (static) -30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature max. (dynamic) -5 °C  Operating	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-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       Travel speed (C-track)     2 Mio. @ 25 °C       Nominal voltage AC max.     300 V       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       AC withstand voltage (wire - wire)     2 kV @ 60 s       Power frequency withstand voltage (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 § 1990   IEC 60332-2-2   UL 1581 § 1100 FT2       chemical resistance     Good, application-related testing       Oil resistance     DIN EN 60811-404   Good, application-related testing       Oil resistance     DIN EN 60811-404   Good, application-related testing       Bending radius (dynamic)     15 x Outer diameter       Bending radius (dynamic)     15 x Outer diameter       Commercial data       customs tariff number     85444290	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  Travel speed (C-track) 2 Mio. @ 25 °C  Nominal voltage AC max. 300 V  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  AC withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - ack to 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   IEC 60332-2-2   UL 1581 § 1100 FT2  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 10 x Outer diameter  Commercial data  customs tariff number 85444290	Diameter of single wires	0,1 mm
Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Travel speed (C-track) 2 Mio. @ 25 °C  Nominal voltage AC max. 300 V  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  AC withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - jacket) 30 °C  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   IEC 60332-2-2   UL 1581 § 1100 FT2  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 10 x Outer diameter  Commercial data  customs tariff number 85444290	Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Traversing distance (C-track) 5 m @ 25 °C   horizontal  Travel speed (C-track) 2 Mio. @ 25 °C  Nominal voltage AC max. 300 V  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  AC withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - jacket) 30 °C  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   IEC 60332-2-2   UL 1581 § 1100 FT2  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 10 x Outer diameter  Commercial data  customs tariff number 85444290	Material conductor wire	Stranded copper wire, bare
Travel speed (C-track)  2 Mio. @ 25 °C  Nominal voltage AC max.  300 V  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  AC withstand voltage (wire - wire)  2 kV @ 60 s  Power frequency withstand voltage (wire - ack of the constant wire)  All voltage (wire - wire)  2 kV @ 60 s  Win. 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   IEC 60332-2-2   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)  Bending radius (dynamic)  15 x Outer diameter  Commercial data  customs tariff number  85444290	Conductor type (wire)	strand class 6
Nominal voltage AC max.  300 V Current load capacity (standard) Current load capacity (standard) Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - alacket) 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   IEC 60332-2-2   UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Oil resistance DIN EN 60811-404   Good, application-related testing Bending radius (fixed) Dending radius (dynamic) 15 x Outer diameter  Commercial data customs tariff number 85444290	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  AC withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - jacket) -30 °C  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   IEC 60332-2-2   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) 10 x Outer diameter  Bending radius (dynamic) 15 x Outer diameter  Commercial data  customs tariff number 85444290	Travel speed (C-track)	2 Mio. @ 25 °C
Current load capacity min. wire 4,5 A  Electrical resistance line constant wire 79 Ω/km @ 20 °C  AC withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - acket) 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   IEC 60332-2-2   UL 1581 § 1100 FT2  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 10 x Outer diameter  Bending radius (dynamic) 15 x Outer diameter  Commercial data  customs tariff number 85444290	Nominal voltage AC max.	300 V
Electrical resistance line constant wire 79 Ω/km @ 20 °C  AC withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (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   IEC 60332-2-2   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) 10 x Outer diameter  Commercial data  customs tariff number 85444290	Current load capacity (standard)	to DIN VDE 0298-4
AC withstand voltage (wire - wire)  2 kV @ 60 s  Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static)  AS °C  Max. operating temperature (fixed)  80 °C  Operating temperature min. (dynamic)  -5 °C  Operating temperature max. (dynamic)  80 °C  Flame resistance  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  chemical resistance  Good, application-related testing  Gasoline resistance  Oil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  Bending radius (dynamic)  15 x Outer diameter  Commercial data  customs tariff number  85444290	Current load capacity min. wire	4,5 A
Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static)  As °C  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  So °C  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  So °C  Operating temperature max. (dynamic)  Bo °C  Flame resistance  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Chemical resistance  Good, application-related testing  Gasoline resistance  Oil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  10 x Outer diameter  Commercial data  customs tariff number  85444290	Electrical resistance line constant wire	79 Ω/km @ 20 °C
Min. operating temperature (static)  Max. operating temperature (fixed)  Max. operating temperature min. (dynamic)  Operating temperature min. (dynamic)  So C  Operating temperature max. (dynamic)  So C  Operating temperature max. (dynamic)  So C  Flame resistance  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  chemical resistance  Good, application-related testing  Gasoline resistance  Oil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  10 x Outer diameter  Bending radius (dynamic)  15 x Outer diameter  Commercial data  customs tariff number  85444290	AC withstand voltage (wire - wire)	2 kV @ 60 s
Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  Flame resistance UL 1581 § 1090   IEC 60332-2-2   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) 10 × Outer diameter  Bending radius (dynamic) 15 × Outer diameter  Commercial data  customs tariff number 85444290	Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Operating temperature min. (dynamic) Operating temperature max. (dynamic) So °C  Flame resistance UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  chemical resistance Good, application-related testing  Gasoline resistance Oil resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 10 x Outer diameter  Bending radius (dynamic) 15 x Outer diameter  Commercial data  customs tariff number 85444290	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic) 80 °C  Flame resistance UL 1581 § 1090   IEC 60332-2-2   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) 10 x Outer diameter  Bending radius (dynamic) 15 x Outer diameter  Commercial data  customs tariff number 85444290	Max. operating temperature (fixed)	80 °C
Flame resistance UL 1581 § 1090   IEC 60332-2-2   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) 10 x Outer diameter  Bending radius (dynamic) 15 x Outer diameter  Commercial data  customs tariff number 85444290	Operating temperature min. (dynamic)	-5 ℃
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) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter  Commercial data customs tariff number 85444290	Operating temperature max. (dynamic)	80 °C
Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404   Good, application-related testing Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter  Commercial data customs tariff number 85444290	Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
Oil resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 10 x Outer diameter  Bending radius (dynamic) 15 x Outer diameter  Commercial data  customs tariff number 85444290	chemical resistance	Good, application-related testing
Bending radius (fixed) 10 x Outer diameter  Bending radius (dynamic) 15 x Outer diameter  Commercial data  customs tariff number 85444290	Gasoline resistance	Good, application-related testing
Bending radius (dynamic) 15 x Outer diameter  Commercial data  customs tariff number 85444290	Oil resistance	DIN EN 60811-404   Good, application-related testing
Commercial data customs tariff number 85444290	Bending radius (fixed)	10 x Outer diameter
customs tariff number 85444290	Bending radius (dynamic)	15 x Outer diameter
	Commercial data	
Packaging unit 1	customs tariff number	85444290
	Packaging unit	1