

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

PVC 3x0.25 bk UL/CSA 0.3m

Male 90° – female 90° M8 (Snap In) – M8 (Snap In), 3-pole Further cable lengths on request.

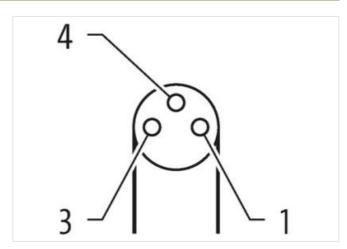
Plastic housings with good resistance against chemicals and oils.

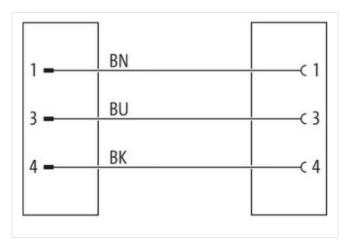
The resistance to aggressive media should be individually tested for your application. Further details on request.

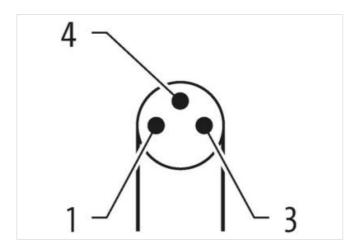
## **Link to Product**

## Illustration











stay connected





Product may differ from Image











Cable length	0,3 m
Side 1	
Family construction form	M8
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
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	



stay connected

Product standard

DIN EN 61076-2-114 (M8)

Outer-diameter (jacket)       4,5 mm         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       45 ± 5 Shore D         Material properties wire insulation       lead-free, cadm         Amount strands (wire)       14         Diameter of single wires       0,15 mm         Conductor crosssection (wire)       0,25 mm²         Material conductor wire       Stranded coppe         Conductor type (wire)       Strand class 5         Nominal voltage AC max.       300 V         Current load capacity (standard)       to DIN VDE 029         Current load capacity min. wire       4,5 A         Electrical resistance line constant wire       79 Ω/km @ 20 °         AC withstand voltage (wire - wire)       2 kV @ 60 s         Power frequency withstand voltage (wire - jacket)       2 kV @ 60 s         Min. operating temperature (static)       -30 °C         Max. operating temperature min. (dynamic)       -5 °C         Operating temperature max. (dynamic)       80 °C         UV resistance       DIN EN ISO 48 </th <th></th>	
Cable identification 610  Cable Type 1  Jacket Color black Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted wire arrangement brown, black, black cable weigth 29,37 g/m  Material jacket PVC  Shore hardness jacket PVC  Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadm Outer-diameter (jacket) 4,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation PVC  Amount wires 3  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinab Ingredient freeness wire insulation lead-free, cadm Amount strands (wire) 14  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded coppe Conductor type (wire) Strand class 5  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 029  Current load capacity min. wire 4,5 A  Electrical resistance line constant wire 79 Ω/km @ 20 current load capacity min. wire 4,5 A  Electrical resistance line constant wire 79 Ω/km @ 20 current load capacity min. wire 2 kV @ 60 s  Power frequency withstand voltage (wire - jacket) 30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  UV resistance DIN EN ISO 48  Flame resistance Good, application Good	ue
Jacket Color Type of Certificate Amount stranding Stranding 3 wires twisted wire arrangement Drown, black, bl wire arrangement Drown, black, bl Dable weigth PVC Shore hardness jacket PVC Shore hardness jacket Preedom from ingredients (jacket) Duter-diameter (jacket) Amount wires Outer diameter (sheath)  Duter diameter insulation PVC Amount wires  Outer diameter tolerance core insulation PVC Amount wires  Outer diameter tolerance core insulation Unter diameter tolerance core insulation Shore hardness wire insulation Diameter arrangement Diameter of single wires Onto diameter of single wires Onductor crosssection (wire) Diameter of single wires Onductor type (wire) Stranded coppe Conductor type (wire) Strand class 5 Nominal voltage AC max. 300 V Current load capacity (standard) Diameter load capacity (standard) Current load capacity min. wire AC withstand voltage (wire - wire) AC withstand voltage (wire - wire) AC withstand voltage (wire - wire)  Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (static) Diameter resistance DIN EN ISO 48 Flame resistance DIN EN ISO 48 Flame resistance Good, applicatic Gasoline resistance Good, applicatic	
Type of Certificate  Amount stranding  Stranding  Stranding  3 wires twisted wire arrangement  Cable weigth  Amount strandess jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Material wire insulation  PVC  Amount wires  3  Outer diameter insulation  PVC  Amount wires  3  Outer diameter tolerance core insulation  45 ± 5 Shore D  Material properties wire insulation  Material properties wire insulation  Amount strands (wire)  Diameter of single wires  Conductor crosssection (wire)  Material conductor wire  Conductor type (wire)  Nominal voltage AC max.  Current load capacity (standard)  Current load capacity min. wire  AC withstand voltage (wire - wire)  Power frequency withstand voltage (wire - gacket)  Min. operating temperature (fixed)  Max. operating temperature (fixed)  Max. operating temperature (fixed)  More Strande  Good, applicatic  Gasoline resistance  Good, applicatic  Good, applicatic  Good, applicatic  Good, applicatic  Bending radius (fixed)  5 x Outer diameter  Courder diameter insulation  1,25 mm  PVC  Amount wires  3  Outer diameter insulation  1,25 mm  45 ± 5 Shore D  As wire twise  3  Outer diameter insulation  45 ± 5 Shore D  As wire twise  3  Outer diameter insulation  1,25 mm  45 ± 5 Shore D  As wire twise  3  Outer diameter insulation  45 ± 5 Shore D  As wire twise  3  Outer diameter insulation  45 ± 5 Shore A  Shore D  As wire twise, bit and a stranded of rece, cadm  45 ± 5 Shore D  As wire twise  45 ± 5 Shore A  Shore D  As wire twise, bit and a stranded of rece, cadm  45 ± 5 Shore D  As wire twise, bit and a stranded of rece, cadm  45 ± 5 Shore D  As wire twise, bit and a stranded of rece, cadm  45 ± 5 Shore D  As wire twise, bit and a stranded of rece, cadm  45 ± 5 Shore D  As wire twise, bit and a stranded of rece, cadm  45 ± 5 Shore D  As wire twise, bit and a stranded of rece, cadm  45 ± 5 Shore D  As wire twise, bit and a stranded of rece, cadm  45 ± 5 Shore D  As wire twise, bit and a stranded of rece, cadm  45 ± 5 Shore D  As wire twise twise insulation  45 ± 5	
Amount stranding 3 wires twisted wire arrangement brown, black, bloom 29,37 g/m Material jacket PVC  Shore hardness jacket PVC  Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadm Outer-diameter (jacket) 4,5 mm  Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC  Amount wires 3 Outer diameter insulation 1,25 mm  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation good machinab Ingredient freeness wire insulation lead-free, cadm Amount strands (wire) 14  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded coppe Conductor type (wire) Strand class 5  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 025 of Current load capacity min. wire 4,5 A  Current load capacity min. wire 4,5 A  Current load capacity min. wire 79 Ω/km @ 20 of Current load capacity min. wire 2 kV @ 60 s  Power frequency withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - 30 °C  Max. operating temperature (static) -30 °C  Max. operating temperature min. (dynamic) -5 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  UV resistance DIN EN ISO 48  Flame resistance Good, application Good, applica	
Amount stranding       1         Stranding       3 wires twisted         wire arrangement       brown, black, bl         Cable weigth       29,37 g/m         Material jacket       PVC         Shore hardness jacket       85 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadm         Outer-diameter (jacket)       4,5 mm         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       45 ± 5 Shore D         Material properties wire insulation       good machinab         Ingredient freeness wire insulation       lead-free, cadm         Amount strands (wire)       14         Diameter of single wires       0,15 mm         Conductor crosssection (wire)       0,25 mm²         Material conductor wire       Stranded coppe         Conductor type (wire)       Strand class 5         Nominal voltage AC max.       300 V         Current load capacity (standard)       to DIN VDE 025         Current load capacity min. wire       4,5 A	
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Cable weigth       29,37 g/m         Material jacket       PVC         Shore hardness jacket       85 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadm         Outer-diameter (jacket)       4,5 mm         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       good machinab         Ingredient freeness wire insulation       good machinab         Ingredient freeness wire insulation       lead-free, cadm         Amount strands (wire)       14         Diameter of single wires       0,15 mm         Conductor freeness wire insulation       lead-free, cadm         Amount strands (wire)       14         Diameter of single wires       0,15 mm         Conductor freeness wire insulation       lead-free, cadm         Material properties wire insulation       lead-free, cadm         Material properties wire insulation       14         Diameter of single wires       0,15 mm         Conductor free, cadm       0,15 mm         Conductor free, cadm       0,15 mm	
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Shore hardness jacket       85 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadm         Outer-diameter (jacket)       4,5 mm         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       45 ± 5 Shore D         Material properties wire insulation       good machinab         Ingredient freeness wire insulation       lead-free, cadm         Amount strands (wire)       14         Diameter of single wires       0,15 mm         Conductor crosssection (wire)       0,25 mm²         Material conductor wire       Stranded coppe         Conductor type (wire)       Strand class 5         Nominal voltage AC max.       300 V         Current load capacity (standard)       to DIN VDE 029         Current load capacity min. wire       4,5 A         Electrical resistance line constant wire       79 Ω/km @ 20         AC withstand voltage (wire - wire)       2 kV @ 60 s         Power frequency withstand voltage (wire - jacket)       2 kV @ 60 s         Min. operating temperature (fixed)       80	
Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  As mm  Tolerance outer diameter (sheath)  Amount wires  Outer diameter insulation  Outer diameter tolerance core insulation  Shore hardness wire insulation  Material properties wire insulation  Material properties wire insulation  Ingredient freeness wire insulation  Amount strands (wire)  Diameter of single wires  Conductor crosssection (wire)  Material conductor wire  Conductor type (wire)  Nominal voltage AC max.  Current load capacity (standard)  Current load capacity min. wire  AC withstand voltage (wire - wire)  Power frequency withstand voltage (wire - jacket)  Min. operating temperature (fixed)  Max. operating temperature (fixed)  Max. operating temperature max. (dynamic)  Cyresistance  Chemical resistance  Good, application  Gasoline resistance  Good, application  Gasoline resistance  Good, application  Good, application  Gasoline resistance  Good, application  Good, application  Good, application  Gasoline resistance  Good, application  G	
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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 good machinab Ingredient freeness wire insulation lead-free, cadm Amount strands (wire) 14  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded coppe Conductor type (wire) Strand class 5  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 029  Current load capacity (standard) to DIN VDE 029  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 min. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  UV resistance DIN EN ISO 48  Flame resistance Good, application Gasoline resistance  Gasoline resistance Good, application Gasoline resistance  Good, application Gasoline resistance	
Material wire insulation       PVC         Amount wires       3         Outer diameter insulation       1,25 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       45 ± 5 Shore D         Material properties wire insulation       lead-free, cadm         Ingredient freeness wire insulation       lead-free, cadm         Amount strands (wire)       14         Diameter of single wires       0,15 mm         Conductor crosssection (wire)       0,25 mm²         Material conductor wire       Stranded coppe         Conductor type (wire)       Strand class 5         Nominal voltage AC max.       300 V         Current load capacity (standard)       to DIN VDE 029         Current load capacity min. wire       4,5 A         Electrical resistance line constant wire       79 Ω/km @ 20 mm         AC withstand voltage (wire - wire)       2 kV @ 60 s         Power frequency withstand voltage (wire - jacket)       2 kV @ 60 s         Min. operating temperature (static)       -30 °C         Max. operating temperature (fixed)       80 °C         Operating temperature max. (dynamic)       80 °C         UV resistance       DIN EN ISO 48         Flame resistance       Good, application </td <td></td>	
Amount wires       3         Outer diameter insulation       1,25 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       45 ± 5 Shore D         Material properties wire insulation       good machinab         Ingredient freeness wire insulation       lead-free, cadm         Amount strands (wire)       14         Diameter of single wires       0,15 mm         Conductor crosssection (wire)       0,25 mm²         Material conductor wire       Stranded coppe         Conductor type (wire)       Strand class 5         Nominal voltage AC max.       300 V         Current load capacity (standard)       to DIN VDE 025         Current load capacity min. wire       4,5 A         Electrical resistance line constant wire       79 Ω/km @ 20 °         AC withstand voltage (wire - wire)       2 kV @ 60 s         Power frequency withstand voltage (wire - jacket)       2 kV @ 60 s         Min. operating temperature (static)       -30 °C         Max. operating temperature (fixed)       80 °C         Operating temperature max. (dynamic)       80 °C         UV resistance       DIN EN ISO 48         Flame resistance       Good, application         Chemical resistance       Good, applica	
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Ingredient freeness wire insulation  Amount strands (wire)  Diameter of single wires  Conductor crosssection (wire)  Material conductor wire  Conductor type (wire)  Nominal voltage AC max.  Current load capacity (standard)  Current load capacity min. wire  Electrical resistance line constant wire  AC withstand voltage (wire - wire)  Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature max. (dynamic)  UV resistance  Current load capacity min. wire  AC withstand voltage (wire - wire)  Din En ISO 48  Flame resistance  Good, application  Gasoline resistance  Good, application  Gasoline resistance  Good, application  Gasoline resistance  Good, application  Gasoline resistance  Good, application  Good, application  Fundamental resistance  Good, application  Gasoline resistance  Good, application  Gasoline resistance  Good, application  Gasoline resistance  Good, application  Good, application  Fundamental resistance  Good, application  Good, application  Good, application  Fundamental resistance  Good, application  Good, application  Gasoline resistance  Good, application  Good, application  Good, application  Fundamental resistance  Good, application  Good, application  Good, application  Good, application  Good, application  Good, application  Fundamental resistance  Good, application  Good, application  Good, application  Fundamental resistance  Good, application  Good, application  Good, application  Good, application  Good, application  Fundamental resistance  Good, application	ility
Amount strands (wire)  Diameter of single wires  O,15 mm  Conductor crosssection (wire)  Material conductor wire  Conductor type (wire)  Nominal voltage AC max.  Strand class 5  Nominal voltage AC max.  Current load capacity (standard)  Current load capacity min. wire  4,5 A  Electrical resistance line constant wire  79 Ω/km @ 20  AC withstand voltage (wire - wire)  Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static)  Ax. operating temperature (fixed)  Max. operating temperature (min. (dynamic)  Operating temperature max. (dynamic)  UV resistance  DIN EN ISO 48  Flame resistance  Chemical resistance  Good, application  Gasoline resistance  Good, application  Good, application  Bending radius (fixed)  5 x Outer diameter	ium-free, CFC-free, silicone-free
Diameter of single wires  Conductor crosssection (wire)  Material conductor wire  Conductor type (wire)  Stranded copped Conductor type (wire)  Nominal voltage AC max.  Current load capacity (standard)  Current load capacity (standard)  Current load capacity min. wire  4,5 A  Electrical resistance line constant wire  AC withstand voltage (wire - wire)  Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  UV resistance  DIN EN ISO 48:  Flame resistance  Chemical resistance  Good, application  Gasoline resistance  Good, application  Gil resistance  Good, application  Good, application  Fixed  Good, application  Good, application  Fixed  Good, application  Good, application  Good, application  Fixed  Good, application  Good, application  Good, application  Fixed  Good, application  Good, application  Good, application  Fixed  Fixed  Good, application  Good, application  Fixed  Fixed  Good, application  Fixed	idin-nee, of o-nee, sincone-nee
Conductor crosssection (wire)       0,25 mm²         Material conductor wire       Stranded copped         Conductor type (wire)       Strand class 5         Nominal voltage AC max.       300 V         Current load capacity (standard)       to DIN VDE 025         Current load capacity min. wire       4,5 A         Electrical resistance line constant wire       79 Ω/km @ 20 mg         AC withstand voltage (wire - wire)       2 kV @ 60 s         Power frequency withstand voltage (wire - jacket)       2 kV @ 60 s         Min. operating temperature (static)       -30 °C         Max. operating temperature (fixed)       80 °C         Operating temperature min. (dynamic)       -5 °C         Operating temperature max. (dynamic)       80 °C         UV resistance       DIN EN ISO 48         Flame resistance       Good, application         Gasoline resistance       Good, application         Oil resistance       Good, application         Bending radius (fixed)       5 x Outer diameter	
Material conductor wire       Stranded coppe         Conductor type (wire)       Strand class 5         Nominal voltage AC max.       300 V         Current load capacity (standard)       to DIN VDE 029         Current load capacity min. wire       4,5 A         Electrical resistance line constant wire       79 Ω/km @ 20 °         AC withstand voltage (wire - wire)       2 kV @ 60 s         Power frequency withstand voltage (wire - jacket)       2 kV @ 60 s         Min. operating temperature (static)       -30 °C         Max. operating temperature (fixed)       80 °C         Operating temperature min. (dynamic)       -5 °C         Operating temperature max. (dynamic)       80 °C         UV resistance       DIN EN ISO 48         Flame resistance       UL 1581 § 1090         chemical resistance       Good, application         Gasoline resistance       Good, application         Oil resistance       Good, application         Bending radius (fixed)       5 x Outer diameter	
Conductor type (wire)  Nominal voltage AC max.  300 V  Current load capacity (standard)  Current load capacity min. wire  4,5 A  Electrical resistance line constant wire  AC withstand voltage (wire - wire)  Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  UV resistance  DIN EN ISO 48  Flame resistance  Chemical resistance  Good, application  Gasoline resistance  Good, application  Oil resistance  Bending radius (fixed)  Strand class 5  Strand class 5  Strand class 5   Strand class 5   Strand class 5   Strand class 5   Strand class 5   Strand class 5   Strand class 5   Strand class 5   Strand class 5    Strand class 5    Strand class 5    Strand class 5    Strand class 5    Strand class 5    Strand class 5    Strand class 5    Strand class 5    Strand class 5    Strand class 5    Strand class 5   Strand class 5    Strand class 5    Strand class 5    Strand class 5    Strand class 5    Strand class 5    Strand class 5    Strand class 5    Strand class 5    Strand class 5    Strand class 5    Strand class 5    Strand class 5    Strand class 5   Strand class 5   Strand class 5   Strand class 5   Strand class 5   Strand class 5   Strand class 5   Strand class 5   Strand class 5   Strand class 5   Strand class 5   Strand class 5   Strand class 5   Strand class 5   Sto DIN VDE 025   Sto DIN VDE 025   Sto Outer diameter   Storic Lass 1  Storic Lass 2  Storic Lass 2  Storic Lass 3  Storic Lass 3  Storic Lass 3  Storic Lass 4  Storic Lass 5  Sto	vr wire here
Nominal voltage AC max.  Current load capacity (standard)  Current load capacity min. wire  4,5 A  Electrical resistance line constant wire  79 Ω/km @ 20  AC withstand voltage (wire - wire)  Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static)  As operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  UV resistance  DIN EN ISO 48  Flame resistance  Chemical resistance  Gaod, application  Gasoline resistance  Good, application  Oil resistance  Bending radius (fixed)  5 x Outer diameter  Source  Source  300 V  to DIN VDE 029  4,5 A  2 kV @ 60 s  30 °C  DIN EN ISO 48  Flame resistance  Good, application  Gasoline resistance  Good, application  Good, application  Flame resistance  Good, application  Good, application  Flame resistance  Flame resistance  Good, application  Flame resistance  Flame resistance  Good, application  Flame resistance  F	i wile, bale
Current load capacity (standard) to DIN VDE 028 Current load capacity min. wire 4,5 A  Electrical resistance line constant wire 79 Ω/km @ 20 0  AC withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s  Min. operating temperature (static) -30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  UV resistance DIN EN ISO 48  Flame resistance UL 1581 § 1090 Chemical resistance Good, application Gasoline resistance Good, application Gasoline resistance Good, application Gil resistance Good, application Gil resistance Good, application Flame resistance Good, application Gasoline resistance Good, application Gil resistance Good, application Flame resistance Good, application Gasoline resistance Good, application Good, application Flame resistance Good, application Good, application Good, application Flame resistance Good, application	
Current load capacity min. wire       4,5 A         Electrical resistance line constant wire       79 Ω/km @ 20 mg         AC withstand voltage (wire - wire)       2 kV @ 60 s         Power frequency withstand voltage (wire - jacket)       2 kV @ 60 s         Min. operating temperature (static)       -30 °C         Max. operating temperature (fixed)       80 °C         Operating temperature min. (dynamic)       -5 °C         Operating temperature max. (dynamic)       80 °C         UV resistance       DIN EN ISO 48         Flame resistance       Good, application         Gasoline resistance       Good, application         Oil resistance       Good, application         Bending radius (fixed)       5 x Outer diameter	00 A
Electrical resistance line constant wire 79 Ω/km @ 20 decorporation 2 kV @ 60 s  Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s  Min. operating temperature (static) -30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  UV resistance DIN EN ISO 48 Flame resistance UL 1581 § 1090 chemical resistance Good, application Gasoline resistance Good, application Gasoline resistance Good, application Good,	10-4
AC withstand voltage (wire - wire)  Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  UV resistance  DIN EN ISO 48: Flame resistance  Chemical resistance  Gaood, application  Gasoline resistance  Good, application  Oil resistance  Bending radius (fixed)  2 kV @ 60 s  2 kV @ 60 s  20 c  20 c  40 c  4	
Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  UV resistance  DIN EN ISO 48: Flame resistance  Chemical resistance  Gasoline resistance  Gil resistance  Good, application  Oil resistance  Bending radius (fixed)  2 kV @ 60 s  2 kV @ 60 s  2 kV @ 60 s  40 s  60 c  40 s  60 c  Chemical separature min. (dynamic)  Bending radius (fixed)	0
jacket)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  UV resistance  Flame resistance  Chemical resistance  Gasoline resistance  Oil resistance  Din EN ISO 48  Gasoline resistance  Good, application  Gasoline resistance  Good, application  Oil resistance  Bending radius (fixed)  5 x Outer diameters	
Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  UV resistance  Flame resistance  Chemical resistance  Gasoline resistance  Good, application  Oil resistance  Good, application  Oil resistance  Good, application  S x Outer diameters	
Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  UV resistance  DIN EN ISO 48  Flame resistance  Chemical resistance  Gasoline resistance  Gil resistance  Good, application  Oil resistance  Good, application  Flame resistance  Good, application  Oil resistance  Good, application  S x Outer diameters	
Operating temperature max. (dynamic) 80 °C  UV resistance DIN EN ISO 48: Flame resistance UL 1581 § 1090 chemical resistance Good, application Gasoline resistance Good, application Oil resistance Good, application Bending radius (fixed) 5 x Outer diameter	
UV resistance DIN EN ISO 48 Flame resistance UL 1581 § 1090 chemical resistance Good, application Gasoline resistance Good, application Oil resistance Good, application Bending radius (fixed) 5 x Outer diameters	
Flame resistance Chemical resistance Gasoline resistance Good, application Gasoline resistance Good, application Good, application Good, application Good, application Bending radius (fixed)  5 x Outer diameter	
chemical resistance Good, application Gasoline resistance Good, application Oil resistance Good, application Bending radius (fixed) 5 x Outer diameter	92-2 A
Gasoline resistance Good, application Oil resistance Good, application Bending radius (fixed) 5 x Outer diameter	)   IEC 60332-2-2   UL 1581 § 1100 FT2
Oil resistance Good, application Bending radius (fixed) 5 x Outer diameter	on-related testing
Bending radius (fixed) 5 x Outer diame	on-related testing
	on-related testing   DIN EN 60811-404
Bending radius (dynamic) 10 x Outer diam	ter
	ieter
Commercial data	
customs tariff number 85444290	
Packaging unit 1	