

## M8 male $0^{\circ}$ / M8 female $90^{\circ}$ A-cod. snap-in LED

PVC 3x0.25 bk UL/CSA 1.5m

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

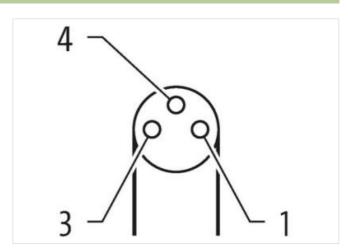
Plastic housings with good resistance against chemicals and oils.

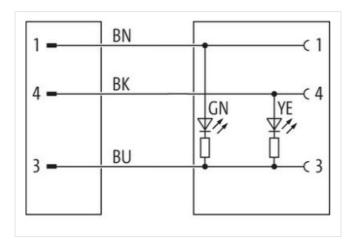
The resistance to aggressive media should be individually tested for your application. Further details on request.

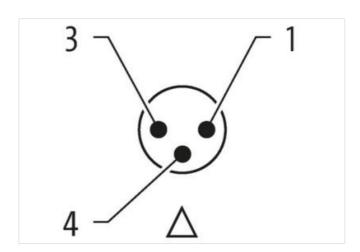
## **Link to Product**

## Illustration



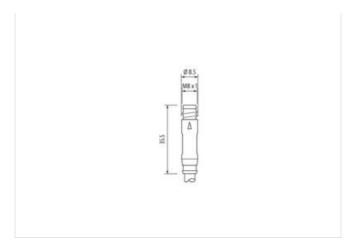


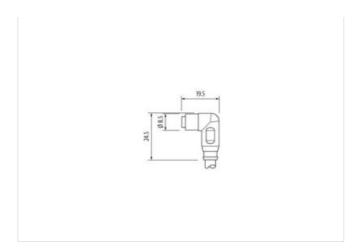






stay connected





Product may differ from Image











Cable length	1,5 m
Side 1	
Thread	M8
suitable for corrugated tube (internal Ø)	6,5 mm
Commercial data	
ECLASS-6.0	27061801
customs tariff number	85444290
Packaging unit	1
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
Important installation notes	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-02



Conformity         Conformity           Product standard         DIN EN 61076-2-114 (M8)           Installation   Cable         Cable identification         610           Cable identification         610         Cable identification           Label Type         1         1           Saket Color         Dlack         UPUs           Amount stranding         1         1           Stranding         3 wires twisted         4           Wire arrangement         brown, black, blue           Cable weigth         29,37 g/m           Material jacket         PVC           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Duter-diameter (jacket)         4,5 mm           Colerance outer diameter (skeath)         2 5 %           Material wire insulation         PVC           Amount wires         3           Duter diameter tolerance core insulation         1,25 mm           Duter diameter tolerance core insulation         4,5 m           Waterial properties wire insulation         45 ± 5 Shore D           Material properties wire insulation         90 of machinality           organization of single wires         14           Diameter of single wires         1,5 mm	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard   DIN EN 61076-2-114 (M8)	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.
Cable   Identification   610	Conformity	
Cable Type         1           Jacket Color         black           Jacket Color         black           Virype of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           vire arrangement         brown, black, blue           Zable weight         29,37 g/m           Material jacket         PVC           Shore hardness jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           recedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Duter-diameter (jacket)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Duter diameter insulation         1,25 mm           Duter diameter tolerance core insulation         ± 5 %           Material properties wire insulation         45 ± 5 Shore D           Material properties wire insulation         45 ± 5 Shore D           Material properties wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         14           Diameter of single wires         0,15 mm           Conductor type	Product standard	DIN EN 61076-2-114 (M8)
Cable Type         1           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Sable weight         29,37 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,5 mm           Follower and diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Duter diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness wire insulation         good machinability           gredient freeness wire insulation         good machinability           gradienter freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         14           Diameter of single wires         0,15 mm           Conductor type (wire)         Strand class 5 <t< td=""><td>Installation   Cable</td><td></td></t<>	Installation   Cable	
Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 29,37 g/m  Material jacket PVC Shore hardness jacket PVC  Duter-diameter (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Duter-diameter (jacket) 4,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3 Duter diameter insulation PVC  Amount wires 3 Duter diameter loserance core insulation ± 5 %  Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 14  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,25 mm²  Material productor wire Stranded copper wire, bare  Conductor type (wire) Stranded copper wire, bare  Conductor type (wire) Stranded copper wire, bare  Courrent load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,5 A  Current load capacity min. wire 79 Ω/km @ 20 °C  AC withstand voltage (wire - wire) 2 kV @ 60 s  Win. operating temperature (static) -30 °C  Win. operating temperature (static) -30 °C	Cable identification	610
Fype of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 29,37 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Duter-diameter (jacket) 4,5 mm  Folerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Material wire insulation PVC  Amount wires 3  Duter diameter insulation 1,25 mm  Duter diameter insulation 45 ± 5 Shore D  Material properties wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 14  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Stranded copper wire, bare  Conductor syssection (wire) 4,5 A  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity (standa	Cable Type	1
Amount stranding 1 Stranding 3 wires twisted brown, black, blue  Zable weight 29,37 g/m  Material jacket PVC Shore hardness jacket 85 ± 5 Shore A  **reedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Duter-diameter (jacket) 4,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Duter diameter insulation 1,25 mm  Duter diameter rolerance core insulation 45 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 14  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Stranded copper wire, bare  Conductor type (wire) Strand class 5  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,5 A  Electrical resistand voltage (wire - wire) 2 kV @ 60 s  Volve Goos S  Win. operating temperature (static) -30 °C	Jacket Color	black
Stranding 3 wires twisted wire arrangement brown, black, blue 2able weigth 29,37 g/m Material jacket PVC  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Duter-diameter (jacket) 4,5 mm  Folerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Duter diameter insulation 1,25 mm  Duter diameter insulation 1,25 mm  Duter diameter insulation 1,25 mm  Duter diameter insulation 45 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 14  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Strand class 5  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  Fower frequency withstand voltage (wire - wire) 2 kV @ 60 s  Min. operating temperature (static) -30 °C	Type of Certificate	cURus
wire arrangement brown, black, blue  Cable weigth 29,37 g/m  Material jacket PVC  Shore hardness jacket lead-free, cadmium-free, CFC-free, silicone-free  Duter-diameter (jacket) 4,5 mm  Folerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Shore hardness wire insulation 1,25 mm  Duter diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 14  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Stranded copper wire, bare  Strand class 5  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,5 A  Circular temperature (static) 30 °C  Wifn. operating temperature (static) -30 °C	Amount stranding	1
Cable weight 29,37 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Duter-diameter (jacket) 4,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Duter diameter insulation 1,25 mm  Duter diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 14  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Stranded copper wire, bare  Conductor type (wire) Strand class 5  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 min. wire 4,5 A  Electrical resistance line constant wire 79 Ω/km @ 20 °C  AC withstand voltage (wire - wire) 2 kV @ 60 s  Win. operating temperature (static) -30 °C	Stranding	3 wires twisted
Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Duter-diameter (jacket) 4,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC Amount wires 3  Duter diameter insulation 1,25 mm  Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 % 5 hore 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) 14  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Stranded copper wire, bare  Conductor type (wire) Strand class 5  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 min. wire 4,5 A  Electrical resistance line constant wire 79 Ω/km @ 20 °C  AC withstand voltage (wire - wire) 2 kV @ 60 s  Vin. operating temperature (static) -30 °C	wire arrangement	brown, black, blue
Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Duter-diameter (jacket) 4,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Duter diameter insulation 1,25 mm  Duter diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 14  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  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 min. wire 4,5 A  Cover frequency withstand voltage (wire - wire) 2 kV @ 60 s  Win. operating temperature (static) -30 °C	Cable weigth	29,37 g/m
lead-free, cadmium-free, CFC-free, silicone-free	Material jacket	PVC
Duter-diameter (jacket)       4,5 mm         Folerance outer diameter (sheath)       ± 5 %         Material wire insulation       PVC         Amount wires       3         Duter diameter insulation       1,25 mm         Duter diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       45 ± 5 Shore D         Material properties wire insulation       good machinability         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, silicone-free         Amount strands (wire)       14         Diameter of single wires       0,15 mm         Conductor crosssection (wire)       0,25 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       Strand class 5         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         Cover frequency withstand voltage (wire - wire)       2 kV @ 60 s         Win. operating temperature (static)       -30 °C	Shore hardness jacket	85 ± 5 Shore A
Folerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 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 - acket) Win. operating temperature (static) -30 °C	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material wire insulation PVC Amount wires 3 Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 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 - acket) Win. operating temperature (static) -30 °C	Outer-diameter (jacket)	4,5 mm
Amount wires 3 Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation ±5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 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 - acket) Win. operating temperature (static) -30 °C	Tolerance outer diameter (sheath)	±5%
Duter diameter insulation 1,25 mm  Duter diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 14  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  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 - acket)  Win. operating temperature (static) -30 °C	Material wire insulation	PVC
Duter diameter tolerance core insulation ±5 %  Shore hardness wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 14  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  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 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)  Win. operating temperature (static) -30 °C	Amount wires	3
Shore hardness wire insulation  45 ± 5 Shore D  Material properties wire insulation  good machinability  Ingredient freeness wire insulation  lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire)  14  Diameter of single wires  Ontouctor crosssection (wire)  One of the conductor wire  Stranded copper wire, bare  Conductor type (wire)  Strand class 5  Nominal voltage AC max.  300 V  Current load capacity (standard)  Current load capacity min. wire  4,5 A  Electrical resistance line constant wire  79 \( \Omega \) kW \( \omega \) 60 s  Power frequency withstand voltage (wire - wire)  2 kV \( \omega \) 60 s  Win. operating temperature (static)  -30 °C	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) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5 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 - acket)  Converting temperature (static) -30 °C	Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation Iead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire)  14  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Nominal voltage AC max. 300 V  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 - acket) acket)  Win. operating temperature (static) -30 °C	Shore hardness wire insulation	45 ± 5 Shore D
Amount strands (wire)  Diameter of single wires  O,15 mm  Conductor crosssection (wire)  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Strand class 5  Nominal voltage AC max.  300 V  Current load capacity (standard)  Current load capacity min. wire  4,5 A  Electrical resistance line constant wire  79 \( \Omega \text{Nrm} \text{ @ 60 s} \)  Power frequency withstand voltage (wire - wire)  2 kV \( \omega \text{ 60 s} \)  Win. operating temperature (static)  -30 \( \circ \C)  -30 \( \circ \C)	Material properties wire insulation	good machinability
Diameter of single wires  O,15 mm  Oconductor crosssection (wire)  O,25 mm²  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Strand class 5  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 \( \Omega \rangle \text{w} \) \( \omega \text{c} \)  AC withstand voltage (wire - wire)  2 kV \( \omega \text{ 60 s} \)  Ower frequency withstand voltage (wire - acket)  Win. operating temperature (static)  -30 °C	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Conductor crosssection (wire)  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Strand class 5  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 \( \Omega / \text{km } \text{ @ 60 s} \)  Power frequency withstand voltage (wire - wire)  2 kV \( \text{ @ 60 s} \)  Win. operating temperature (static)  -30 °C	Amount strands (wire)	14
Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Strand class 5  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 \( \Omega / \text{km} \text{ @ 60 s} \)  Power frequency withstand voltage (wire - wire)  2 kV \( \omega \text{ 60 s} \)  Vin. operating temperature (static)  -30 °C	Diameter of single wires	0,15 mm
Conductor type (wire)  Strand class 5  Nominal voltage AC max.  300 V  Current load capacity (standard)  Current load capacity min. wire  4,5 A  Electrical resistance line constant wire  79 \( \Omega \rm \text{w} \) \( \emptyre{\text{e}} \) \( \e	Conductor crosssection (wire)	0,25 mm²
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 \( \Omega / \text{km} \emptyreal 20 \circ C  AC withstand voltage (wire - wire) 2 kV \( \omega 60 \text{ s} \)  Power frequency withstand voltage (wire - acket)  Win. operating temperature (static) -30 \( \circ C \)	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,5 A  Electrical resistance line constant wire 79 \( \Omega / \text{km} \) \( \emptyre{\text{e}} \) 0 °C  AC withstand voltage (wire - wire) 2 kV \( \emptyre{\text{e}} \) 60 s  Power frequency withstand voltage (wire - acket) 2 kV \( \emptyre{\text{e}} \) 60 s  Win. operating temperature (static) -30 °C	Conductor type (wire)	Strand class 5
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         Win. operating temperature (static)       -30 °C	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 - acket) 2 kV @ 60 s  Win. operating temperature (static) -30 °C	Current load capacity (standard)	to DIN VDE 0298-4
AC withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - acket) 2 kV @ 60 s  Win. operating temperature (static) -30 °C	Current load capacity min. wire	4,5 A
Power frequency withstand voltage (wire - acket)  2 kV @ 60 s  4.30 °C	Electrical resistance line constant wire	79 Ω/km @ 20 °C
Acket)  Z N W 60 S  Min. operating temperature (static)  -30 °C	AC withstand voltage (wire - wire)	2 kV @ 60 s
	Power frequency withstand voltage (wire - acket)	2 kV @ 60 s
Max. operating temperature (fixed) 80 °C	Min. operating temperature (static)	-30 °C
	Max. operating temperature (fixed)	0° 08 °C

Operating temperature min. (dynamic)

Operating temperature max. (dynamic)

UV resistance

Oil resistance

Flame resistance

chemical resistance

Gasoline resistance

Bending radius (fixed)

Bending radius (dynamic)

-5 °C

80 °C

DIN EN ISO 4892-2 A

5 x Outer diameter

10 x Outer diameter

Good, application-related testing

Good, application-related testing

UL 1581 § 1090 | IEC 60332-2-2 | UL 1581 § 1100 FT2

Good, application-related testing | DIN EN 60811-404