

## M12 male 0° A-cod. / MSUD valve plug CI-9.4mm

PUR 3x0.75 bk UL/CSA 0.6m

**MSUD** 

Form CI (9.4 mm) - M12, male straight 24 V AC  $\pm 20\%$  / DC  $\pm 25\%$ 

LED and suppression

Further cable lengths on request.

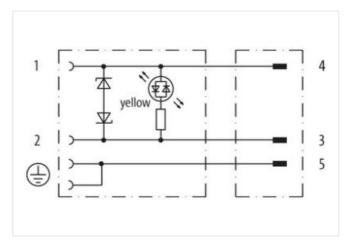
Plastic housings with good resistance against chemicals and oils.

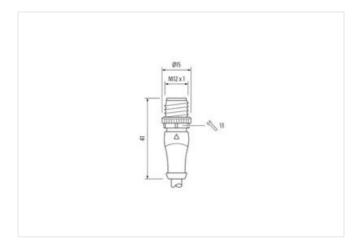
The resistance to aggressive media should be individually tested for your application. Further details on request.

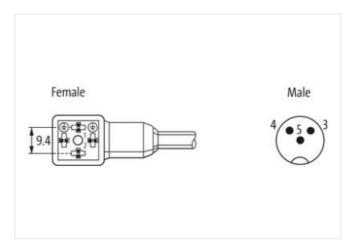
## **Link to Product**

## Illustration



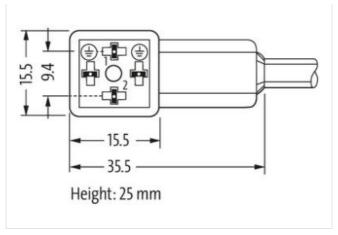








stay connected



Product may differ from Image



Cable length	0,6 m
Side 1	
Tightening torque	0,4 Nm
Thread	M3
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,6 Nm
Thread	M12 x 1
Degree of protection (EN IEC 60529)	IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060312
ECLASS-10.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879146715
Packaging unit	1
Electrical data	
Capacity CX	20 ms
Electrical data   Supply	
Operating voltage AC	24 V
Operating voltage AC min.	19,2 V
Operating voltage AC max.	28,8 V
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V



stay connected

Current operation per continut rax.  Powerie protection   Electrical  Additional continue protection   Flectrical  Additional continue protection   Flectrical  Rochanical data   Mounting data  Mounting method  Environmental characteristical Climato  Environmental characteristical Climato  Coperating perspectature max.  52 °C  Cerenting perspectature max.  55 °C  Additional condition temperature range  flesses of the continue protection of the continue protection of the continue protection of the continue protection temperature range  flesses of the continue protection of the continue protection of the continue protection temperature range  flesses of the continue protection temperature r	Cut-off peak voltage max.	55 V
Additional condition protection degree         inserted, screwed           Riced surge voltage         0,8 kV           Mechanical data (Metrial data Mouring         back           Cotor housing         back           Mechanical data (Mounting data Mouring d	Current operating per contact max.	4 A
Mechanical data   Material data   Material data   Material housing   Plastic	Device protection   Electrical	
Mechanical data   Material data   Material data   Material housing   Plastic	Additional condition protection degree	inserted, screwed
Mechanical data   Material data   Mounting da		
Delic Frousing   Delic		
Material housing         Plastic           Mechanical datal Mounting data         Inserted, screwed           Environmental characteristics   Climatic         Climatic           Operating temperature min.         25 °C           Additional condition femperature range         depending on cable quality           Institution   Cable         CA           Cable Identification   Cable         Se2           Cable In Yape         2           Printing color of wire insulation         &52           Cable In Yape         2           Printing color of wire insulation         white (solation black)           Jacked Color         black (solation black)           Type of Certificate         cUPfus           Amount attending         1           Stranding         3 visit bristed           wis arrangement         black 1, black 2, green yellow           No. of bending cycles (C track)         2 Mine (28 °C           Cable weigh         55,33 g/m           Material glocket         PUR           Shore hardness jacket         PUR           Tolerance outer dameter (sheath)         4.5 %           Tolerance outer dameter (sheath)         4.5 %           Material inner jacket         PVC           Amount wires	·	
Mounting method inserted, screwed  Environmental characteristics   Climatio Operating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature max. 82 °C Cabbe identification 626  Cabbe identification 826 Cabbe incompared in the condition of the		
Environmental characteristics   Climatic		Plastic
Environmental characteristics   Climatic	Mechanical data   Mounting data	
Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition emperature may.         depending on cable quality           Cabbi dentification         628           Cabbi dentification         628           Cabbi dentification         628           Cabbi (or of wire insulation)         white (isolation black)           Jacket Color         black           Type of Certificate         cUPRus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           No. of bording cycles (C-track)         2 Mio. @ 25 °C           Cable weight         55,33 gm           Material jacket         PUR           Shore Andriess jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         1,8 mm           Orler-diameter (jacket)         5,9 mm           Tolerance outer diameter (behath)         ± 5 %           Material inner jacket         PVC           Material wire insulation         1,8 mm           Outer diameter follerance core insulation         1,8 mm           Outer diameter insulation         1 & 5 %           Shore burstless wire insulati	Mounting method	inserted, screwed
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Installation   Cable   Cable Operating temperature range depending on cable quality  Installation   Cable   Cable Type 2  Printing color of vire insulation white (solation black)  Jacket Color black  Type of Certificate CUPus  Amount stranding 1  Stranding 3 wires twisted  Wire arrangement black 1, black 2, green-yellow  No. of bending cycles (C-track) 2 Min. Ø 25 °C  Cable weigh 55,33 g/m  Material jacket PUR  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 5,9 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Material wire insulation PVC  Material wire insulation PVC  Material wire insulation PVC  Material wire insulation 1,8 mm  Outer diameter relarance core insulation 1,8 mm  Outer diameter pleance core insulation 43 ± 5 % Shore hardness wire insulation white (solation black)  Material color of wire insulation white (solation black)  Amount wires 3  Outer diameter of learnee core insulation white (solation black)  Amount strands (wire) 42  Diameter of single wires 0,15 mm  Conductor type (wire) strand dosper wire, bare  Conductor type (wire) strand dass 6  Traversing dislance (C-track) 5 m Ø 25 °C (Inorizontal  Current load capacity traindary) to Din VDE 0298-4  Current load capacity min. wire 12 A  Electrical resistance line constant vire 2 kV Ø 60 s	Environmental characteristics   Climatic	
Additional condition temperature range   depending on cable quality	Operating temperature min.	-25 °C
Cable identification         626           Cable Type         2           Printing color of wire insulation         white (isolation black)           Jacket Color         black           Type of Certificate         cURUs           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green yellow           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weigh         55,33 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         16 ± 7 %           Outer-diameter (jacket)         5,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Amount wires         3           Outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Amount wires         3           Outer diameter (sheath)         ± 5 %           Shore hardness wire insulation         43 ± 5 Shor	Operating temperature max.	85 °C
Cable identification         626           Cable Type         2           Printing color of wire insulation         white (isolation black)           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weigh         55,33 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-tree, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         5,9 mm           Tolerance outer diameter (jacket)         7.9 mm           Material wire insulation         PVC           Material wire insulation         PVC           Material wire insulation         PVC           Shore hardness wire insulation         4 3 ± 5 Shore D           Finding color of wire insulation         4 3 ± 5 Shore D           Ingredient freeness wire insulation         4 3 ± 5 Shore D           Ingredient freeness wire insulation         white (solation black)           Amount strand, (wire)         4 2	Additional condition temperature range	depending on cable quality
Cable identification         626           Cable Type         2           Printing color of wire insulation         white (isolation black)           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weigh         55,33 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-tree, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         5,9 mm           Tolerance outer diameter (jacket)         7.9 mm           Material wire insulation         PVC           Material wire insulation         PVC           Material wire insulation         PVC           Shore hardness wire insulation         4 3 ± 5 Shore D           Finding color of wire insulation         4 3 ± 5 Shore D           Ingredient freeness wire insulation         4 3 ± 5 Shore D           Ingredient freeness wire insulation         white (solation black)           Amount strand, (wire)         4 2	Installation   Cable	
Cable Type         2           Printing color of wire insulation         white (isolation black)           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires wires twisted           wire arrangement         black 1, black 2, green-yellow           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weigth         55.33 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 dameter (jacket)         5,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Material wire insulation         PVC           Material wire insulation         1,8 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Ingredient freeness wire insulation         43 ± 5 Shore D           Printing color of wire insulation         white (isolation black)           Amount strands (wire)         42           Diameter of single wires         0,15 m	·	626
Printing color of wire insulation         white (isolation black)           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires wisited           wire arrangement         black 1, black 2, green-yellow           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weigth         55,33 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)         5,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Material wire insulation         PVC           Material wire insulation         1,8 mm           Outer diameter (lolerance core insulation         1,8 mm           Outer diameter insulation         43 ± 5 Shore D           Shore hardness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Printing color of wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Printing color of wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Printing		
Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           No. of bending cycles (Cirack)         2 Mio. @ 25 °C           Cable weigh         55.33 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)         5,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Material inner jacket         PVC           Amount wires         3           Outer diameter insulation         1,8 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         4 5 %           More thankness wire insulation         4 5 %           Finding color of wire insulation         4 5 %           Printing color of wire insulation         white (isolation black)           Amount strands (wire)         42           Dameter of single wires         0,15 mm           Conductor ty		
Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weight         55,33 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)         5,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Material wire insulation         PVC           Amount wires         3           Outer diameter tolerance core insulation         1,8 mm           User diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Ingredient freeness wire insulation         white (solation black)           Amount strands (wire)         42           Diameter of single wires         0,15 mm           Conductor crosssection (wire)         0,75 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire) <t< td=""><td></td><td><u>`</u></td></t<>		<u>`</u>
Amount stranding 1 Stranding 3 wires twisted  Stranding 3 wires twisted  wire arrangement black 1, black 2, green-yellow  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Cable weigth 55,33 g/m  Material jacket PUR  Store hardness jacket PUR  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 5,9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1.8 mm  Outer diameter insulation 1.8 mm  Outer diameter insulation 4± 5 5 %  Shore hardness wire insulation ± 5 %  Shore hardness wire insulation 4± 5 5 %  Ingredient freeness wire insulation white (solation black)  Amount strands (wire) 42  Diameter of single wires 0,15 mm²  Conductor crosssection (wire) 0,75 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) stranded copper wire, bare  Conductor type (wire) thanks of the conductor wire Stranded copper wire, bare  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity (standard) 2 kV @ 60 s  AC withstand voltage power (wire - wire) 2 kV @ 60 s		
Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weigh         55,33 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)         5,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Material wire insulation         PVC           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Finding color of wire insulation         43 ± 5 Shore D           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Printing color of wire insulation         with insulation silical s	*.	
wire arrangement black 1, black 2, green-yellow  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Cable weight 55.33 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-cliameter (jacket) 5,9 mm  Tolerance outer diameter (sheath) ± 5 %  Material iner jacket PVC  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,8 mm  Outer diameter tolerance core insulation 43 ± 5 Shore D  Ingredient freeness wire insulation 43 ± 5 Shore D  Printing color of wire insulation white (isolation black)  Amount strands (wire) 42  Diameter of single wires 0,15 mm²  Conductor crosssection (wire) 0,75 mm²  Material onductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Traversing distance (C-track) 50 w (90 × 10 × 10 × 10 × 10 × 10 × 10 × 10 ×		
No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weigth         55.33 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)         5.9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1.8 mm           Outer diameter tolerance core insulation         ± 5 %           Shore bardness wire insulation         43 ± 5 Shore D           Shore bardness wire insulation         43 ± 5 Shore D           Ingredient freeness wire insulation         white (isolation black)           Amount strands (wire)         42           Diameter of single wires         0,15 mm           Conductor crosssection (wire)         9,75 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         stranded copper wire, bare           Conductor type (wire)         stranded copper wire, bare           Current load capacity (standard)         to DIN VDE 0298-4 </td <td></td> <td></td>		
Cable weigth         55,33 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)         5,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,8 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Printing color of wire insulation         white (isolation black)           Amount strands (wire)         42           Diameter of single wires         0,15 mm           Conductor crosssection (wire)         0,75 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire	<u> </u>	
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)         5,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material miner jacket         PVC           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Printing color of wire insulation         white (isolation black)           Amount strands (wire)         42           Diameter of single wires         0,15 mm           Conductor crosssection (wire)         0,75 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         12 A           Electrical resistance line constant wire         26 Ω/km @ 20 °C           Nomin		<del>-</del>
Freedom from ingredients (jacket)  Outer-diameter (jacket)  5,9 mm  Tolerance outer diameter (sheath)  ± 5 %  Material inner jacket  PVC  Material wire insulation  PVC  Amount wires  3  Outer diameter tolerance core insulation  1,8 mm  Outer diameter tolerance core insulation  43 ± 5 Shore D  Ingredient freeness wire insulation  Printing color of wire insulation  Maiterial wires wire insulation  Printing color of wire insulation  Maiterial wire insulation  Printing color of wire insulation  Maiterial wire insulation  Printing color of wire insulation  Maiterial conductor wires  Onductor crosssection (wire)  Agenometer of single wires  Onductor type (wire)  Stranded copper wire, bare  Traversing distance (C-track)  Traversing distance (C-track)  Traversing distance (C-track)  Din NDE 0298-4  Current load capacity min. wire  12 A  Electrical resistance line constant wire  26 \( \Omega \text{Mr} \text{ @ 60 s} \)  AC withstand voltage power (wire - wire)  2 kV @ 60 s		
Outer-diameter (jacket)         5,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,8 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Printing color of wire insulation         white (isolation black)           Amount strands (wire)         42           Diameter of single wires         0,15 mm           Conductor crosssection (wire)         0,75 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         12 A           Electrical resistance line constant wire         26 Ω/km @ 20 °C           Nominal voltage power AC max.         300 V           Power frequency withstand voltage power (wire - wire)         2 kV @ 60 s	<u> </u>	
Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,8 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Printing color of wire insulation white (isolation black)  Amount strands (wire) 42  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,75 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 12 A  Electrical resistance line constant wire 26 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s  AC withstand voltage power (wire - wire) 2 kV @ 60 s		
Material inner jacket     PVC       Material wire insulation     PVC       Amount wires     3       Outer diameter insulation     1.8 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     43 ± 5 Shore D       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, silicone-free       Printing color of wire insulation     white (isolation black)       Amount strands (wire)     42       Diameter of single wires     0,15 mm       Conductor crosssection (wire)     0,75 mm²       Material conductor wire     Stranded copper wire, bare       Conductor type (wire)     strand class 6       Traversing distance (C-track)     5 m @ 25 °C   horizontal       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity min. wire     12 A       Electrical resistance line constant wire     26 Ω/km @ 20 °C       Nominal voltage power AC max.     300 V       Power frequency withstand voltage power (wire - wire)     2 kV @ 60 s       AC withstand voltage power (wire - wire)     2 kV @ 60 s		<del>`</del>
Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,8 mm  Outer diameter tolerance core insulation ±5 %  Shore hardness wire insulation 43 ± 5 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Printing color of wire insulation white (isolation black)  Amount strands (wire) 42  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,75 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 12 A  Electrical resistance line constant wire 26 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s		
Amount wires       3         Outer diameter insulation       1,8 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       43 ± 5 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, silicone-free         Printing color of wire insulation       white (isolation black)         Amount strands (wire)       42         Diameter of single wires       0,15 mm         Conductor crosssection (wire)       0,75 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       5 m @ 25 °C   horizontal         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12 A         Electrical resistance line constant wire       26 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - wire)       2 kV @ 60 s         AC withstand voltage power (wire - wire)       2 kV @ 60 s	·	<u> </u>
Outer diameter insulation     1,8 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     43 ± 5 Shore D       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, silicone-free       Printing color of wire insulation     white (isolation black)       Amount strands (wire)     42       Diameter of single wires     0,15 mm       Conductor crosssection (wire)     0,75 mm²       Material conductor wire     Stranded copper wire, bare       Conductor type (wire)     strand class 6       Traversing distance (C-track)     5 m @ 25 °C   horizontal       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity min. wire     12 A       Electrical resistance line constant wire     26 Ω/km @ 20 °C       Nominal voltage power AC max.     300 V       Power frequency withstand voltage power (wire - wire)     2 kV @ 60 s       AC withstand voltage power (wire - wire)     2 kV @ 60 s		
Outer diameter Instruction       ± 5 %         Shore hardness wire insulation       43 ± 5 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, silicone-free         Printing color of wire insulation       white (isolation black)         Amount strands (wire)       42         Diameter of single wires       0,15 mm         Conductor crosssection (wire)       0,75 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       5 m @ 25 °C   horizontal         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12 A         Electrical resistance line constant wire       26 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - jacket)       2 kV @ 60 s         AC withstand voltage power (wire - wire)       2 kV @ 60 s	-	
Shore hardness wire insulation       43 ± 5 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, silicone-free         Printing color of wire insulation       white (isolation black)         Amount strands (wire)       42         Diameter of single wires       0,15 mm         Conductor crosssection (wire)       0,75 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       5 m @ 25 °C   horizontal         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12 A         Electrical resistance line constant wire       26 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - jacket)       2 kV @ 60 s         AC withstand voltage power (wire - wire)       2 kV @ 60 s	Outer diameter insulation	1,0 11111
Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, silicone-free         Printing color of wire insulation       white (isolation black)         Amount strands (wire)       42         Diameter of single wires       0,15 mm         Conductor crosssection (wire)       0,75 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       5 m @ 25 °C   horizontal         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12 A         Electrical resistance line constant wire       26 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - jacket)       2 kV @ 60 s         AC withstand voltage power (wire - wire)       2 kV @ 60 s	Outer diameter tolerance core insulation	± 5 %
Printing color of wire insulation       white (isolation black)         Amount strands (wire)       42         Diameter of single wires       0,15 mm         Conductor crosssection (wire)       0,75 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       5 m @ 25 °C   horizontal         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12 A         Electrical resistance line constant wire       26 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - jacket)       2 kV @ 60 s         AC withstand voltage power (wire - wire)       2 kV @ 60 s	Shore hardness wire insulation	43 ± 5 Shore D
Amount strands (wire)       42         Diameter of single wires       0,15 mm         Conductor crosssection (wire)       0,75 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       5 m @ 25 °C   horizontal         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12 A         Electrical resistance line constant wire       26 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - jacket)       2 kV @ 60 s         AC withstand voltage power (wire - wire)       2 kV @ 60 s	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Diameter of single wires       0,15 mm         Conductor crosssection (wire)       0,75 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       5 m @ 25 °C   horizontal         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12 A         Electrical resistance line constant wire       26 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - jacket)       2 kV @ 60 s         AC withstand voltage power (wire - wire)       2 kV @ 60 s	Printing color of wire insulation	white (isolation black)
Conductor crosssection (wire)       0,75 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       5 m @ 25 °C   horizontal         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12 A         Electrical resistance line constant wire       26 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - jacket)       2 kV @ 60 s         AC withstand voltage power (wire - wire)       2 kV @ 60 s	Amount strands (wire)	42
Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       5 m @ 25 °C   horizontal         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12 A         Electrical resistance line constant wire       26 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - jacket)       2 kV @ 60 s         AC withstand voltage power (wire - wire)       2 kV @ 60 s	Diameter of single wires	0,15 mm
Conductor type (wire)       strand class 6         Traversing distance (C-track)       5 m @ 25 °C   horizontal         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12 A         Electrical resistance line constant wire       26 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - jacket)       2 kV @ 60 s         AC withstand voltage power (wire - wire)       2 kV @ 60 s	Conductor crosssection (wire)	0,75 mm <sup>2</sup>
Traversing distance (C-track) 5 m @ 25 °C   horizontal  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 12 A  Electrical resistance line constant wire 26 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - jacket)  AC withstand voltage power (wire - wire) 2 kV @ 60 s	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 12 A  Electrical resistance line constant wire 26 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - jacket) 2 kV @ 60 s  AC withstand voltage power (wire - wire) 2 kV @ 60 s	Conductor type (wire)	strand class 6
Current load capacity min. wire       12 A         Electrical resistance line constant wire       26 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - jacket)       2 kV @ 60 s         AC withstand voltage power (wire - wire)       2 kV @ 60 s		
Electrical resistance line constant wire 26 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - jacket) 2 kV @ 60 s  AC withstand voltage power (wire - wire) 2 kV @ 60 s		to DIN VDE 0298-4
Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - jacket) 2 kV @ 60 s  AC withstand voltage power (wire - wire) 2 kV @ 60 s	Current load capacity min. wire	
Power frequency withstand voltage power (wire - jacket)  2 kV @ 60 s  AC withstand voltage power (wire - wire)  2 kV @ 60 s	Electrical resistance line constant wire	26 Ω/km @ 20 °C
(wire - jacket)  AC withstand voltage power (wire - wire)  2 kV @ 60 s	<u> </u>	300 V
	(wire - jacket)	-
Min. operating temperature (static) -30 °C	AC withstand voltage power (wire - wire)	2 kV @ 60 s
	Min. operating temperature (static)	-30 °C



Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter