

## M12 male 0° A-cod. with cable

PUR 3x0.75 bk UL/CSA 5m

Male straight

M12, 3-pole

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

with cable sleeves

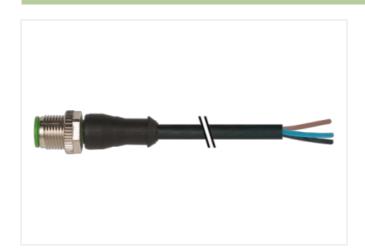
Plastic housings with good resistance against chemicals and oils.

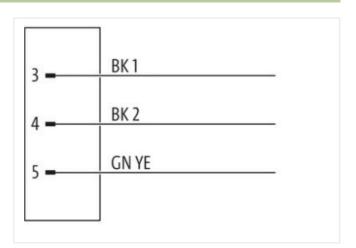
The resistance to aggressive media should be individually tested for your application. Further details on request.

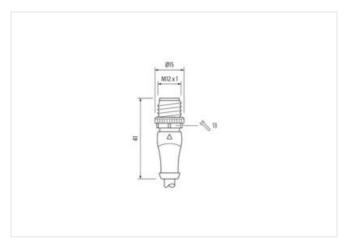
Further cable lengths on request.

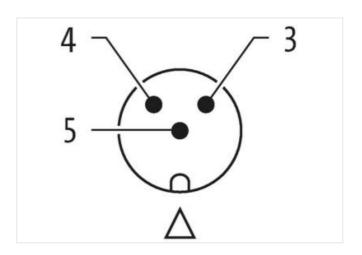
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

5 m

Side 1

Tightening torque

0,6 Nm

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: 2024-05-20



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Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $\emptyset$ )	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN Packaging unit	4048879690522
Electrical data   Supply	
Operating voltage AC max.	125 V
Operating voltage DC max.	125 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation   Connection	
Mounting set	M12 x 1
Device protection   Electrical	
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data   Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data   Mounting data	• • • • • • • • • • • • • • • • • • • •
	install assessed Challing austration
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
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	
Product standard	DIN EN 61076-2-101 (M12)

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## stay connected

Cabbic Identification         626           Gabbic Type         2           Printing color of wire insulation         white (isolation black)           Jacket Color         black           Type of Certificate         CURIUS           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           Cabbic weighth         55,33 g/m           Material jacket         PUR           Finedom from ingredients (gaket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer diameter (gaketa)         5,5 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 insulation         4,5 ft           Anount wires         3           Outer diameter insulation         4,5 ft           Anount sitrands (wire)         42 ft Shore D           Binameter of single wires         43 ft Shore D           Ingredient freeness wire insulation         white (solation black)           Amount strands (wire)         42     <	wire arrangement	black 1, black 2, green-yellow
Printing color of wire insulation   white (isolation black)	Cable identification	
Jacket Color   Dack   Colficate   Cultus   Cultus	Cable Type	2
Type of Certificate         cURs           Amount stranding         1           Stranding         3 wes twisted           wire arrangement         black 1, black 2, green-yellow           Cable weight         55,33 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         5,9 mm           Tolerance 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         43 ± 5 Shore D           Ingredient freeness wire insulation         43 ± 5 Shore D           Ingredient freeness wire insulation         43 ± 5 Shore D           Ingredient freeness wire insulation         45 ± 5 Shore D           Ingredient freeness wire insulation         45 ± 5 Shore D           Ingredient freeness wire insulation         45 ± 5 Shore D           Ingredient freeness wire insulation         white (sociation black)           Amount strands (wire)         42           Diameter of single wire         0,15 mm           Conductor type (wire)         15 mm <td>Printing color of wire insulation</td> <td>white (isolation black)</td>	Printing color of wire insulation	white (isolation black)
Amount stranding 1 Stranding 3 wires twisted wire arrangement black 1, black 2, green yellow Cable weight 55,33 g/m Material jacket PUR Shore hardness jacket 1 65 ± 5 Shore A Freedom from ingredients (jacket) 1 lead-free, cadmium-free, CFC-free, silicone-free Outer diameter (jacket) 5,9 mm Coluter diameter (jacket) 1 ± 5 % Material inner jacket PVC Amount wires 3 Outer diameter insulation PVC Amount wires 3 Outer diameter insulation 1,8 mm Outer diameter insulation 1,8 mm Outer diameter freenses wire insulation 43 ± 5 Shore D Ingredient freenses wire insulation 43 ± 5 Shore D Ingredient freenses wire insulation 43 ± 5 Shore D Ingredient freenses wire insulation white (solation black) Amount strands (wire) 42 Diameter of single wires Outduct or cassescelon (wire) 0,75 mm² Material conductor vire Conductor type (wire) stranded copper wire, bare Conductor type (wire) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (min. wire 1 2 A Current load capacity (min. wire 1 2 A Current load capacity (min. wire 2 St Qikm @ 20 °C Devent freenenene (wire) 2 KV @ 60 s Power freequency withstand voltage (wire - wire) 2 KV @ 60 s Power freequency withstand voltage (wire - wire) 2 KV @ 60 s Operating temperature (mix. (dynamic) 5 % °C Operating temperature max. (dynamic) 10 N EN 60811-404 Bending radius (dynamic) 10 N EN 60811-404 Bending radius (dynamic) 15 x Outer diameter Bending radius (dynamic) 15 x Outer diameter Freedom in the stranded of the stranded complex	Jacket Color	black
Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           Cable weight         55,33 g/m           Material jacket         PUR           Shore hardness jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         5,9 mm           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 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 (sociation black)           Amount strands (wire)         42           Diameter of single wires         0,15 mm           Conductor by receive the man wire insulation         white (sociation black)           Amount strands (wire)         42           Diameter of single wires         0,15 mm           Conductor by receive wires         0,15 mm	Type of Certificate	cURus
wire arrangement         black 1, black 2, green-yellow           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 %           Material inner jacket         PVC           Material inner jacket         PVC           Amount wires         3           Outer diameter insulation         1.8 mm           Outer diameter insulation         4.5 %           Shore hardness wire insulation         4.5 %           Ingredient freeness wire insulation         4.5 %           Ingredient freeness wire insulation         4.5 %           Ingredient freeness wire insulation         4.5 %           Amount strands (wire)         4.2 ± 5 Shore D           Ingredient freeness wire insulation         4.5 free, cadmium-free, CFC-free, silicone-free           Printing color of wire insulation         white (solation black)           Amount strands (wire)         4.2           Diameter of single wires         0,15 mm           Conductor ressection (wire)         0,75 mm²           Material conductor wire         Strand class 6           Nomini	Amount stranding	1
Cable weigth         55,33 g/m           Material jacket         PUR           Freedom from impredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         5,9 mm           Tolerance under diameter (sheath)         ± 5%           Material inner jacket         PVC           Material wire insulation         PVC           Material wire insulation         1,8 mm           Outer diameter tolerance core insulation         1,8 mm           Outer diameter tolerance core insulation         43 ± 5 5 hore D           Ingredient freeness wire insulation         43 ± 5 5 hore D           Ingredient freeness wire insulation         43 ± 5 5 hore D           Ingredient freeness wire insulation         43 ± 5 5 hore D           Ingredient freeness wire insulation         43 ± 5 5 hore D           Printing color of wire insulation         42 ± 4           Diameter of single wires         0,15 mm           Conductor type (wire)         575 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Nominal voltage AC max.         300 V           Current load capacity (standard)         to DIN VE 0298 4           Current load capacity (standard)	Stranding	3 wires twisted
Material jacket         PUR           Shore hardness jacket         85 ± Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         5,9 mm           Tolerance outer diameter (sheeth)         ± 5 %           Material inner jacket         PVC           Material wire insulation         PVC           Amount wires         3           Outer diameter folerance core insulation         1,8 mm           Outer diameter tolerance core insulation         43 ± 5 Shore D           Shore hardness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Ingredient treeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Printing color of wire insulation         where (solation black)           Amount strands (wire)         42           Diameter of single wires         0,15 mm           Conductor or consection (wire)         0,75 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Nominal voltage AG max.         30 V           Current load capacity min. wire         12 A           Electrical resistance line constant wire         26 Ω/km @ 20 °C	wire arrangement	black 1, black 2, green-yellow
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 blerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Ingredient freeness wire insulation         white (solation black)           Printing color of wire insulation         white (solation black)           Amount strands (wire)         42           Diameter of single wires         0,15 mm           Conductor crossection (wire)         0,75 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         stranded capper wire, bare           Conductor type (wire)         stranded capper wire, bare           Conductor type (wire)         stranded capper wire, bare           Current load capacity riin. wire         12 A           Electrical resistance line constant wire         26 Ω/km @ 20 °C           AC withstand voltag	Cable weigth	55,33 g/m
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         ± 5 mm           Outer diameter solution         ± 5 mm           Shore hardness wire insulation         ± 5 mm           Impedient freeness wire insulation         43 ± 5 Shore D           Ingredient freeness wire insulation         white (isolation black)           Printing color of wire insulation         white (isolation black)           Amount strands (wire)         42           Diameter of single wires         0,15 mm           Conductor or sessection (wire)         0,75 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Nominal voltage AC max.         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         12 A           Electrical resistance line constant wire         26 N/m @ 20 °C           AC withstand voltage (wire - wire)         2 k	Material jacket	PUR
Outer-diameter (jacket)         5,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Amount wires         3           Outer diameter insulation         1,8 mm           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Printing color of wire insulation         white (solation black)           Amount strands (wire)         42           Diameter of single wires         0,15 mm           Conductor orssection (wire)         0,75 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           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)         12 A           Electrical resistance line constant wire         26 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Material inner jacket PVC Amount wire insulation PVC Amount wires 3 Cuter diameter insulation 1,8 mm Cuter diameter insulation ± 5 % Shore hardness wire insulation   42 ± 5 Shore D   Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, silicone-free   Printing color of wire insulation   white (sloation black)   Amount strands (wire)	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
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, CPC-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           Nominal voltage AC max.         300 V           Current load capacity min. wire         12 A           Electrical resistance line constant wire         26 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 k V @ 60 s           Power frequency withstand voltage (wire - wire)         2 k V @ 60 s           Min. operating temperature (static)         -30 °C           Max. operating temperature (static)         -5 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature mi	Outer-diameter (jacket)	5,9 mm
Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness 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           Nominal voltage AC max.         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (wire vire)         2 kV @ 60 s           Power frequency withstand voltage (wire vire)         2 kV @ 60 s           Power frequency withstand voltage (wire vire)         2 kV @ 60 s           Max. operating temperature (static)         30 °C           Max. operating temperature max. (dynamic)         5 °C           Operating temperature max. (dynamic)         5 °C           Operating temperature max. (dynamic)         15 °C           Gasol	Tolerance outer diameter (sheath)	± 5 %
Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,8 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness wire insulation         lead-free, cadminum-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           Nominal voltage AC max.         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - glacket)         30 °C           Max. operating temperature (static)         30 °C           Max. operating temperature min. (dynamic)         -5 °C           Operating temperature min. (dynamic)         -5 °C	Material inner jacket	PVC
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, cafmium-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)         strande class 6           Nominal voltage AC max.         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         12 A           Electrical resistance line constant wire         26 Ωkm @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Min. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature min. (dynamic)         -5 °C           Off resistance         Good, application-relate	Material wire insulation	PVC
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           Nominal voltage AC max.         300 V           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           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 (static)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature min. (dynamic)         -5 °C           Other diameter         Good, appli	Amount wires	3
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           Nominal voltage AC max.         300 V           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           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Min. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         60 °C, application-related testing           Gasoline resistance         Good, application-related testing           Oil resist	Outer diameter insulation	1,8 mm
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  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - 2 kV @ 60 s  Min. operating temperature (static) -30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) -5 °C  Operating temperature min. (dynamic) -5 °C  Opera	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  Nominal voltage AC max. 300 V  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  AC withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static) -30 °C  Max. operating temperature (static) -30 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  Chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404  Bending radius (fixed) 10 x Outer diameter  Bending radius (fixed) 2 Mio. @ 25 °C   horizontal	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 Nominal voltage AC max. 300 V 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 AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - lacket) Min. operating temperature (static) 30 °C Max. operating temperature (fixed) 80 °C Operating temperature max. (dynamic) 5 °C Operating temperature max. (dynamic) Good, application-related testing Glasoline resistance Good, application-related testing Oll resistance DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 5 m @ 25 °C   horizontal	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  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 12 A  Electrical resistance line constant wire 26 Ω/km @ 20 °C  AC withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - jacket) 30 °C  Max. operating temperature (static) -30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  Chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404  Bending radius (fixed) 10 x Outer diameter  Bending radius (dynamic) 15 x Outer diameter  No. of bending cycles (C-track) 5 m @ 25 °C   horizontal	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       Nominal voltage AC max.     300 V       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       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       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       No. of bending cycles (C-track)     2 Mio. @ 25 °C       Traversing distance (C-track)     5 m @ 25 °C   horizontal	Amount strands (wire)	42
Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Nominal voltage AC max. 300 V  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  AC withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - jacket) 30 °C  Max. operating temperature (static) -30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Gil resistance DIN EN 60811-404  Bending radius (fixed) 10 x Outer diameter  Bending radius (dynamic) 15 x Outer diameter  No. of bending cycles (C-track) 5 m @ 25 °C   horizontal	Diameter of single wires	0,15 mm
Conductor type (wire) strand class 6  Nominal voltage AC max. 300 V  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  AC withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - jacket) 30 °C  Max. operating temperature (static) -30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  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  No. of bending cycles (C-track) 5 m @ 25 °C   horizontal	Conductor crosssection (wire)	0,75 mm <sup>2</sup>
Nominal voltage AC max.  Current load capacity (standard)  Current load capacity (standard)  Current load capacity min. wire  12 A  Electrical resistance line constant wire  AC withstand voltage (wire - wire)  Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static)  AS °C  Max. operating temperature (fixed)  More and a perature min. (dynamic)  Operating temperature max. (dynamic)  As °C  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  Gasoline resistance  Good, application-related testing  Gasoline resistance  DIN EN 60811-404  Bending radius (fixed)  10 x Outer diameter  Bending radius (dynamic)  15 x Outer diameter  No. of bending cycles (C-track)  5 m @ 25 °C   horizontal	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  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  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  No. of bending cycles (C-track) 5 m @ 25 °C   horizontal	Conductor type (wire)	strand class 6
Current load capacity min. wire 12 A  Electrical resistance line constant wire 26 \( \Omega / \text{kW} \) \( \omega \) 20 °C  AC withstand voltage (wire - wire) 2 kV \( \omega \) 60 s  Power frequency withstand voltage (wire - igacket) 2 kV \( \omega \) 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  No. of bending cycles (C-track) 2 Mio. \( \omega \) 25 °C   horizontal	Nominal voltage AC max.	300 V
Electrical resistance line constant wire 26 Ω/km @ 20 °C  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  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  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Traversing distance (C-track) 5 m @ 25 °C   horizontal	Current load capacity (standard)	to DIN VDE 0298-4
AC withstand voltage (wire - wire)  2 kV @ 60 s  Power frequency withstand voltage (wire - 2 kV @ 60 s  Min. operating temperature (static)  Accompositing temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Operatin	Current load capacity min. wire	12 A
Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  Oil resistance  Good, application-related testing  Oil resistance  DIN EN 60811-404  Bending radius (fixed)  DIN EN 60811-404  Bending radius (dynamic)  15 x Outer diameter  No. of bending cycles (C-track)  5 m @ 25 °C   horizontal	Electrical resistance line constant wire	26 Ω/km @ 20 °C
jacket)  Min. operating temperature (static)  As. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Ood operating temperature min. (dynamic)  Ood operating temperature max. (dynamic)  Ood operating temperature m	AC withstand voltage (wire - wire)	2 kV @ 60 s
Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  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  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Traversing distance (C-track) 5 m @ 25 °C   horizontal	Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) So C Chemical resistance Good, application-related testing Gasoline resistance Oil resistance DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C   horizontal	Min. operating temperature (static)	-30 °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 No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C   horizontal	Max. operating temperature (fixed)	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 No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C   horizontal	Operating temperature min. (dynamic)	-5 °C
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  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Traversing distance (C-track) 5 m @ 25 °C   horizontal	Operating temperature max. (dynamic)	80 °C
Oil resistance DIN EN 60811-404  Bending radius (fixed) 10 x Outer diameter  Bending radius (dynamic) 15 x Outer diameter  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Traversing distance (C-track) 5 m @ 25 °C   horizontal	chemical resistance	Good, application-related testing
Bending radius (fixed)  10 x Outer diameter  Bending radius (dynamic)  15 x Outer diameter  No. of bending cycles (C-track)  2 Mio. @ 25 °C  Traversing distance (C-track)  5 m @ 25 °C   horizontal	Gasoline resistance	Good, application-related testing
Bending radius (dynamic) 15 x Outer diameter  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Traversing distance (C-track) 5 m @ 25 °C   horizontal	Oil resistance	DIN EN 60811-404
No. of bending cycles (C-track)  2 Mio. @ 25 °C  Traversing distance (C-track)  5 m @ 25 °C   horizontal	Bending radius (fixed)	10 x Outer diameter
Traversing distance (C-track) 5 m @ 25 °C   horizontal	Bending radius (dynamic)	15 x Outer diameter
	No. of bending cycles (C-track)	2 Mio. @ 25 °C
Travel speed (C-track) 3,3 m/s @ 25 °C	Traversing distance (C-track)	5 m @ 25 °C   horizontal
	Travel speed (C-track)	3,3 m/s @ 25 °C