

## M12 female 0° A-cod. with cable shielded

PUR 4x0.34 shielded gy UL/CSA 2m

Female straight M12, 4-pole shielded with cable sleeves

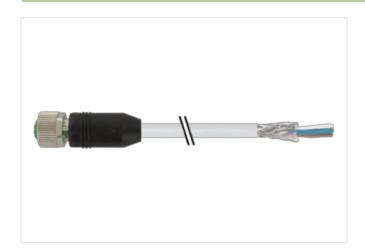
## **⚠ NOTICE ⚠**

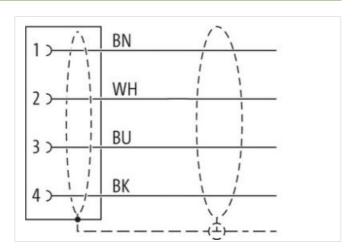
Plastic housings with good resistance against chemicals and oils.

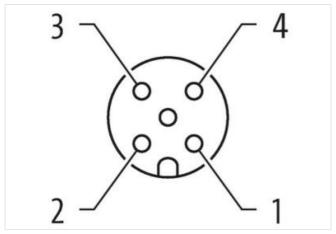
The resistance to aggressive media should be individually tested for your application. Further details on request. PRODUCT WILL BE DISCONTINUED BY JUNE 2023. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS. Further cable lengths on request.

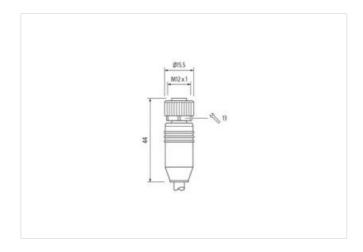
## **Link to Product**

## Illustration









Product may differ from Image















stay connected

Cable length	2 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
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	4048879200011
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation   Connection	
•	M404
Mounting set	M12 x 1
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	l
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	
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.
	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius	endangered by excessive bending forces.

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: 2024-05-01



stay	connec	ted

Installation Cable  Cable identification  335  Ascket Cobr gray  Type of Certificate  CURus  Amount stranding  1  Standing  4 wires twisted  Cable shielding (type)  Coppor braid, finned  Sable shielding (coverage)  85 %  Sanding  Fleeo, Foll  Wire arrangement  Drown, black, blue, white  Sable weight  Sable weight  Sable shielding (coverage)  SS-1 pm  Makerial jacket  PUR  Shore hardness jacket  Freedom from ingredients (jacket)  Subre diameter (sket)  SS-2 Shore A  Freedom from ingredients (jacket)  SS-3 Shore A  Freedom from ingredients (jacket)  SS-3 Shore A  Freedom from ingredients (jacket)  SS-5 mm  Colerance outer diameter (sket)  SS-5 mm  Colerance outer diameter (sket)  SS-6 mm  Shore hardness wire insulation  PP  Amount wires  4  Duter diameter freedom core insulation  1,55 mm  Collerance swire insulation  PP  Amount wires  4  Duter diameter freedom or insulation  72 ± 3 Shore D  Impredient freeness wire insulation  Amount strands (wire)  42  Diameter of single wires  0,1 mm  Conductor vorsessection (wire)  34 mm²  Material conductor wire  Stranded copper wire, bare  Some daspet (jetandarro)  Son Wire barded copper wire, bare  Conductor vorsessection (wire)  Strand class 6  Nominal voltage AC max.  Son V  Surrent load capacity (standarro)  To IN VID 0298 4  Current load capacity (standarro)  To IN VID 0298 4  Current load capacity (standarro)  To IN VID 0298 4  Current load capacity (standarro)  To IN VID 0298 4  Current load capacity (standarro)  To IN VID 0298 4  Current load capacity (standarro)  To IN VID 0298 4  Current load capacity (standarro)  To IN VID 0298 4  Current load capacity (standarro)  To IN VID 0298 4  Current load capacity (standarro)  To IN VID 0298 4  Current load capacity (standarro)  To IN VID 0298 4  Current load capacity (standarro)  To IN VID 0298 4  Current load capacity (standarro)  To IN VID 0298 4  Current load capacity (standarro)  To IN VID 0298 4  Current load capacity (standarro)  To IN VID 0298 4  Current load capacity (standarro)  To IN VID 0298 4  Current load capa	Conformity	
Cable identification         335           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         85 %           Banding         Fleece, Foil           wire arrangement         brown, black, blue, white           Cable weigth         56,1 g/m           Material jacket         PUR           Shore hardness jacket         PUR           Shore hardness jacket         85 ± 3 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (glacket)         5,9 mm           Tollerance outer diameter (sheath)         2,5 %           Material wire insulation         PP           Amount wires         4           Quier diameter (insulation         1,55 mm           Duter diameter insulation         1,5 mm           Shore hardness wire insulation         12,5 %           Shore hardness wire insulation         12,5 %           Shore hardness wire insulation         12,5 %           Shore hardness wire insulation         12	Product standard	DIN EN 61076-2-101 (M12)
Jacket Color	Installation   Cable	
Type of Certificate         cURus           Amount stranding         1           Stranding         4 were twisted           Cable shielding (type)         copper braid, tinned           Sale shielding (coverage)         85 %           Bandring         Fleece, Foil           wire arrangement         brown, black, blue, white           Cable weight         56,1 g/m           Waderial jacket         PUR           Shore hardness jacket         85 ± 3 Shore A           Freedom from ingredients (jacket)         180 ± 9 mm           Outer diameter (jacket)         5,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Mount wire insulation         1,55 mm           Duter diameter (sheath)         ± 5 %           Waterial wire insulation         1,55 mm           Duter diameter (she insulation)         1,55 mm           Valuer diameter (she insulation)         1,25 mm           Power (shere hardness wire insulation)         72 ± 3 Shore D           Ingredient freeness wire insulation         72 ± 3 Shore D           Ingredient freeness wire insulation         72 ± 3 Shore D           Ingredient freeness wire insulation         72 ± 3 Shore D	Cable identification	335
Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           Cable shielding (coverage)         85 %           Bandring         Fleece, Foil           wire arrangement         brown, black, blue, white           Cable weight         56.1 g/m           Wadarieal jacket         PUR           Shore hardness jacket         85 ± 3 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Unter diameter (jacket)         5.9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Material wire insulation         1,55 mm           Outer diameter (sheath)         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness wire insulation         1,25 mm           Outer diameter (sheath)         ± 5 %           Waterial wire insulation         1,25 mm           Outer diameter (sheath)         ± 5 %           Material (wire)         42           Diameter of single wire insulation         7 2 ± 3 Shore D           Ingredient freeness wire insulation         7 0 mm           Conductor type	Jacket Color	gray
Amount stranding 1 Stranding 4 wires twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fieece, Foil Fieece, Foil Wire arrangement brown, bleek, blue, white Cable weigh 56,1 g/m Waterial jacket PUR Shore hardness jacket 85 £ 3 Shore A Fireadom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Cuber diameter (jacket) 5,9 mm Tolerance outer diameter (health) ± 5 % Material wire insulation PP Amount wires 4 Mount diameter insulation PP Amount wires 4 Mount freeness wire insulation 72 ± 3 Shore D Ingredient freeness wire insulation 72 ± 3 Shore D Ingredient freeness wire insulation 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 43 Diameter of single wires 0,1 mm Conductor rive (Wire) strand copper wire, bare Conductor rive (Wire) strand 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 (win. wire 4,8 A Cwithstand voltage (wire - wire) 40 °C Max. operating temperature (fixed) 80 °C Coperating temperature max. (dynamic) 80 °C Coperating temperature max. (dynamic) 80 °C Fiame resistance Good, application-related testing Dil resistance DIN EN 68811-404 (Good, application-related testing		
Strandfing	Amount stranding	1
Cable shielding (coverage)         85 %           Banding         Fleece, Foil           Wrie arrangement         brown, black, blue, white           Cable weigth         56.1 p/m           Material jacket         PUR           Shore hardness jacket         85 ± 3 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer diameter (jacket)         5,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Amount wires         4           Quiter diameter (sheath)         ± 5 %           Amount wires         4           Quiter diameter (sheath)         ± 5 %           Shore hardness wire insulation         1,55 mm           Outer diameter (sheath)         ± 5 %           Shore hardness wire insulation         1,55 mm           Ingredient freeness wire insulation         1ead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Amount strands (wire)         42           Diameter of single wires         0,1 mm           Conductor rosssection (wire)         0,34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         stranded copper wire, bare           Nominal voltage (wir	Stranding	4 wires twisted
Cable shielding (coverage)         85 %           Banding         Fleece, Foil           Wrie arrangement         brown, black, blue, white           Cable weigth         56.1 p/m           Material jacket         PUR           Shore hardness jacket         85 ± 3 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer diameter (jacket)         5,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Amount wires         4           Quiter diameter (sheath)         ± 5 %           Amount wires         4           Quiter diameter (sheath)         ± 5 %           Shore hardness wire insulation         1,55 mm           Outer diameter (sheath)         ± 5 %           Shore hardness wire insulation         1,55 mm           Ingredient freeness wire insulation         1ead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Amount strands (wire)         42           Diameter of single wires         0,1 mm           Conductor rosssection (wire)         0,34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         stranded copper wire, bare           Nominal voltage (wir		copper braid, tinned
Election		
brown, black, blue, white	Banding	
Cable weight         56,1 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 3 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         5,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter tolerance core insulation         ±,55 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         ± 5 mm           Outer diameter tolerance core insulation         ± 5 mm           Ingredient freeness wire insulation         ± 5 mm           Ingredient freeness wire insulation         1,25 mm           Amount strands (wire)         42           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 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		brown, black, blue, white
Material jacket         PUR           Shore hardness jacket         85 ± 3 Shore A           Shore fardness jacket         85 ± 3 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         5,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter insulation         1,55 mm           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         72 ± 3 Shore D           Ingredient freeness wire insulation         72 ± 3 Shore D           Ingredient freeness wire insulation         42           Diameter of single wires         0,1 mm           Conductor (wire)         0,34 mm²           Material conductor wire         Strand class 6           Conductor type (wire)         strand class 6           Nominal voltage AC max.         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (sindardr)         to DIN VDE 0298-4           Current load capacity (wire - wire)         2 kV @ 60 s           AC withstand voltage (wire - wire)         2 kV @ 60 s	<u>-</u>	
Shore hardness jacket         85 ± 3 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Duter-diameter (jacket)         5,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter insulation         1,55 mm           Under diameter insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness wire insulation         1,25 mm           Ingredient freeness wire insulation         1,25 mm           Ingredient freeness wire insulation         1,24 mm           Ingredient freeness wire insulation         1,24 mm           Ingredient freeness wire insulation         1,25 mm           Ingredient freeness wire insulation         1,24 mm           Ingredient freeness wire insulation         42           Diameter of single wires         0,1 mm           Conductor (wire)         0,34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         stranded copper wire, bare           Volument load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)	Material jacket	·
Freedom from ingredients (jacket)  Duter-diameter (jacket)  5,9 mm  Tolerance outer diameter (sheath)  £ 5 %  Material wire insulation  PP  Amount wires  4  Duter diameter insulation  1,55 mm  Duter diameter insulation  1,55 mm  Duter diameter loberance core insulation  25 %  Shore hardness wire insulation  72 ± 3 Shore D  Ingredient freeness wire insulation  Ingredient freeness wire insulation  Amount strands (wire)  42  Diameter of single wires  0,1 mm  Conductor crosssection (wire)  33 4 mm²  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Stranded copper wire, bare  Conductor type (wire)  Strand class 6  Nominal voltage AC max.  300 V  Current load capacity (standard)  Lorent load capacity (ini. wire)  4,8 A  Electrical resistance in constant wire  4,8 A  Cwithstand voltage (wire - wire)  2 kV @ 60 s  Min. operating temperature (static)  Min. operating temperature (static)  4,9 °C  Querating temperature max. (dynamic)  80 °C  Querating temperature max. (dynamic)  80 °C  Querating temperature max. (dynamic)  80 °C  Good, application-related testing  Dil resistance  Dil Resistance  Dil N EN 60811-404   Good, application-related testing  Dil resistance		
Duter-diameter (jacket)         5,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter insulation         1,55 mm           Outer diameter tolerance core insulation         ± 5 %           Shore Bardness wire insulation         72 ± 3 Shore D           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Amount strands (wire)         42           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 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         4,8 A           Electrical resistance line constant wire         52 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Acket)         40 °C           Max. operating temperature (static)         -40 °C           Max. operating temperature (min. (dynamic) <td>Freedom from ingredients (jacket)</td> <td></td>	Freedom from ingredients (jacket)	
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Duter diameter insulation 1,55 mm  Duter diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 72 ± 3 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire) 42  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,34 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 IDIN VDE 0298-4  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity win. wire 4,8 A  Electrical resistance line constant wire 2 kW @ 60 s  Power frequency withstand voltage (wire wire) 2 kW @ 60 s  Power frequency withstand voltage (wire acket) 40 °C  Max. operating temperature (fixed) 80 °C  Operating temperature max. (dynamic) -20 °C  Operating temperature max. (dynamic) 80 °C  Flame resistance EC 60032-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Chemical resistance Good, application-related testing  Dil resistance DIN EN 60811-404   Good, application-related testing	Outer-diameter (jacket)	<del>-</del>
Amount wires 4  Duter diameter insulation 1,55 mm  Duter diameter tolerance core insulation 25 %  Shore hardness wire insulation 72 ± 3 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire) 42  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,34 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 4,8 A  Electrical resistance line constant wire 52 \( \Omega \text{km} \omega \text{00 S} \)  Power frequency withstand voltage (wire - 2 kV \( \omega \text{00 S} \)  Min. operating temperature (static) -40 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) 20 °C  Poperating temperature min. (dynamic) 80 °C  Operating temperature min. (dynamic) 80 °C  Coperating temperature m	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 1,55 mm  Outer diameter tolerance core insulation 25 %  Shore hardness wire insulation 72 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire) 42  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,34 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 4,8 A  Electrical resistance line constant wire 52 Ω/km @ 20 °C  AC withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - acket) 40 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -20 °C  Diperating temperature max. (dynamic) 80 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance  Good, application-related testing  DIN EN 60811-404   Good, application-related testing	Material wire insulation	PP
Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         72 ± 3 Shore D           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Amount strands (wire)         42           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 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         4,8 A           Electrical resistance line constant wire         52 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - acket)         2 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -20 °C           Operating temperature max. (dynamic)         80 °C           Flame resistance         IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090           chemical resistance         Good, application-related testing           Dil resi	Amount wires	4
Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         72 ± 3 Shore D           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Amount strands (wire)         42           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 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         4,8 A           Electrical resistance line constant wire         52 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - acket)         2 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -20 °C           Operating temperature max. (dynamic)         80 °C           Flame resistance         IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090           chemical resistance         Good, application-related testing           Dil resi	Outer diameter insulation	1,55 mm
Ingredient freeness wire insulation Iead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 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 4,8 A Electrical resistance line constant wire 52 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - acket) Amax. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) -20 °C	Outer diameter tolerance core insulation	
Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 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 4,8 A Electrical resistance line constant wire 52 \( \Omega \text{/km} \) \( \omega \text{ 20} \cdot \text{ C}  AC withstand voltage (wire - wire) 2 kV \( \omega \text{ 60 s} \text{ 8}  Power frequency withstand voltage (wire - acket) 40 °C Max. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C Deperating temperature min. (dynamic) 20 °C Deperating temperature max. (dynamic) 80 °C Elame resistance IEC 60332-2-2   UL 1581 \( \xi \) 1100 FT2   UL 1581 \( \xi \) 1990 Chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404   Good, application-related testing	Shore hardness wire insulation	72 ± 3 Shore D
Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 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 4,8 A Electrical resistance line constant wire 52 \( \Omega \text{/km} \) \( \omega \text{ 20} \cdot \text{ C}  AC withstand voltage (wire - wire) 2 kV \( \omega \text{ 60 s} \text{ 8}  Power frequency withstand voltage (wire - acket) 40 °C Max. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C Deperating temperature min. (dynamic) 20 °C Deperating temperature max. (dynamic) 80 °C Elame resistance IEC 60332-2-2   UL 1581 \( \xi \) 1100 FT2   UL 1581 \( \xi \) 1990 Chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404   Good, application-related testing	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Diameter of single wires  O,1 mm  Conductor crosssection (wire)  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  4,8 A  Electrical resistance line constant wire  52 Ω/km @ 20 °C  AC withstand voltage (wire - wire)  2 kV @ 60 s  Power frequency withstand voltage (wire - acket)  Min. operating temperature (static)  4.0 °C  Max. operating temperature (fixed)  80 °C  Operating temperature min. (dynamic)  -20 °C  Operating temperature max. (dynamic)  80 °C  Flame resistance  EEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gasoline resistance  DIN EN 60811-404   Good, application-related testing  DIN EN 60811-404   Good, application-related testing	Amount strands (wire)	
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  4,8 A  Electrical resistance line constant wire  52 Ω/km @ 20 °C  AC withstand voltage (wire - wire)  2 kV @ 60 s  Power frequency withstand voltage (wire - acket)  Min. operating temperature (static)  40 °C  Max. operating temperature (fixed)  80 °C  Operating temperature min. (dynamic)  -20 °C  Operating temperature max. (dynamic)  80 °C  Flame resistance  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Chemical resistance  Good, application-related testing  Gasoline resistance  DIN EN 60811-404   Good, application-related testing	Diameter of single wires	0,1 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 (inn. wire 4,8 A  Electrical resistance line constant wire 52 Ω/km @ 20 °C  AC withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - acket) 40 °C  Max. operating temperature (static) -40 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -20 °C  Operating temperature max. (dynamic) 80 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing	Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Nominal voltage AC max.  300 V  Current load capacity (standard)  Current load capacity min. wire  4,8 A  Electrical resistance line constant wire  52 Ω/km @ 20 °C  AC withstand voltage (wire - wire)  2 kV @ 60 s  Power frequency withstand voltage (wire - acket)  Min. operating temperature (static)  ABO °C  Operating temperature (fixed)  80 °C  Operating temperature min. (dynamic)  -20 °C  Operating temperature max. (dynamic)  80 °C  Elame resistance  EC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gasoline resistance  DIN EN 60811-404   Good, application-related testing	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard)  Current load capacity min. wire  4,8 A  Electrical resistance line constant wire  52 Ω/km @ 20 °C  AC withstand voltage (wire - wire)  2 kV @ 60 s  Power frequency withstand voltage (wire - acket)  40 °C  Max. operating temperature (static)  40 °C  Max. operating temperature (fixed)  80 °C  Operating temperature min. (dynamic)  -20 °C  Operating temperature max. (dynamic)  80 °C  Flame resistance  EC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gasoline resistance  DIN EN 60811-404   Good, application-related testing	Conductor type (wire)	strand class 6
Current load capacity min. wire 4,8 A  Electrical resistance line constant wire 52 Ω/km @ 20 °C  AC withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - acket) -40 °C  Max. operating temperature (static) -40 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -20 °C  Operating temperature max. (dynamic) 80 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing	Nominal voltage AC max.	300 V
Electrical resistance line constant wire 52 Ω/km @ 20 °C  AC withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - acket) 2 kV @ 60 s  Min. operating temperature (static) -40 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -20 °C  Operating temperature max. (dynamic) 80 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing	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  Min. operating temperature (static)  40 °C  Max. operating temperature (fixed)  80 °C  Operating temperature min. (dynamic)  -20 °C  Operating temperature max. (dynamic)  80 °C  Flame resistance  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Chemical resistance  Good, application-related testing  Gasoline resistance  DIN EN 60811-404   Good, application-related testing	Current load capacity min. wire	4,8 A
Power frequency withstand voltage (wire - acket)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  EC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Chemical resistance  Good, application-related testing  Gasoline resistance  DIN EN 60811-404   Good, application-related testing	Electrical resistance line constant wire	52 Ω/km @ 20 °C
Acket)  All acket)	AC withstand voltage (wire - wire)	2 kV @ 60 s
Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -20 °C  Operating temperature max. (dynamic) 80 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance DIN EN 60811-404   Good, application-related testing	Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  80 °C  Flame resistance  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Chemical resistance  Good, application-related testing  Gasoline resistance  Oil resistance  DIN EN 60811-404   Good, application-related testing	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic) 80 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance DIN EN 60811-404   Good, application-related testing	Max. operating temperature (fixed)	80 °C
Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance DIN EN 60811-404   Good, application-related testing	Operating temperature min. (dynamic)	-20 °C
Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing  DIN EN 60811-404   Good, application-related testing	Operating temperature max. (dynamic)	80 °C
Gasoline resistance Good, application-related testing  DIN EN 60811-404   Good, application-related testing	Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
Oil resistance DIN EN 60811-404   Good, application-related testing	chemical resistance	Good, application-related testing
	Gasoline resistance	Good, application-related testing
3ending radius (dynamic) 10 x Outer diameter	Oil resistance	DIN EN 60811-404   Good, application-related testing
	Bending radius (dynamic)	10 x Outer diameter