

## 7/8" male 0° / 7/8" female 0°

PUR 5x1.0 gy 2m

Male straight – female straight 7/8" - 7/8", 5-pole Power cable

Further cable lengths on request.

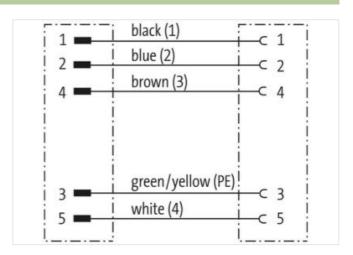
Plastic housings with good resistance against chemicals and oils.

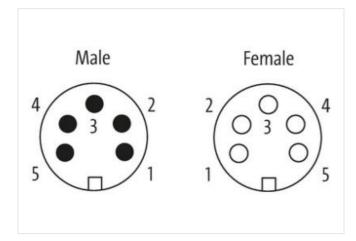
The resistance to aggressive media should be individually tested for your application. Further details on request.

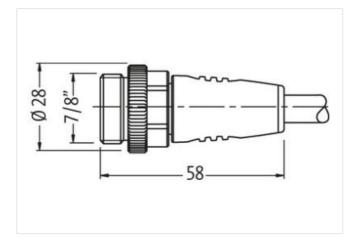
## **Link to Product**

## Illustration



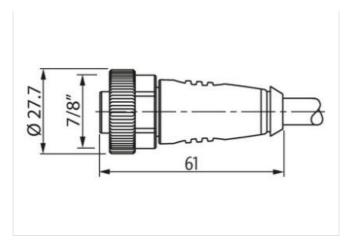








stay connected



Product may differ from Image



Cable length	2 m
Side 1	
Tightening torque	1,5 Nm
Thread	7/8"
Side 2	
Tightening torque	1,5 Nm
Thread	7/8"
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060327
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060327
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879138390
Packaging unit	1
Electrical data   Supply	
Current operating per contact max.	12 A
Current phase - neutral	230 V
Current phase - phase	400 V
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Rated surge voltage	3 kV
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	



## stay connected

Installation   Cable           Cable identification         965           Printing color of wire insulation         black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)           Jacket Color         gray           Amount stranding         1           Stranding         5 wires around Filler twisted           Filler         yes           wire arrangement         white 4, brown 3, green-yellow, blue 2, black 1           Cable weigth         86,9 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         7,2 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation         PP           Amount wires         5           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         60 ± 5 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Printing color of wire insulation         black (white isolation), white (isolation black), bla	Operating temperature min.	-25 °C
Installation   Cable   Cable identification   985   Printing color of wire insulation   black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)  Jacket Color   gray   Amount stranding   1   Stranding   5 wires around Filler twisted   Filler   yes   wire arrangement   white 4, brown 3, green-yellow, blue 2, black 1   Cable weight   86,9 gm   Material packet   PUR   Shore hardness jacket   PUR   Shore hardness jacket   90 ± 5 Shore A   Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free   Outer-diameter (jacket)   7,2 mm   Tolerance outer diameter (sheath)   ± 5 %   Material inner jacket   PVC   Color (inner jacket)   gray   Material wire insulation   PP   Amount wires   5   Court diameter insulation   PP   Amount wires   5   Court diameter insulation   2 mm   Outer diameter insulation   2 mm   Outer diameter insulation   2 mm   Printing color of wire insulation   black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)   Amount strands (wire)   28   Diameter of single wires   Qu05 mm   Conductor type give wire   Qu05 mm   Conductor type give wires   Qu05 mm   Conductor type give wires   Qu05 mm   Conductor orossection (wire)   1 mm²   Material color orossection (wire)   3 kW @ 60 s   Material conductor wire   000 v	Operating temperature max.	85 °C
Cable identification 965 Printing color of wire insulation black (white isolation), white (isolation black), black (isolation brown), black (insulation blue) Jacked Color gray Amount stranding 1 Stranding 5 wires around Filler twisted Filler yes Wire arrangement white 4, brown 3, green-yellow, blue 2, black 1 Cable weight 86,9 g/m Material grack PPB Shore hardness jacked PPB Freedom from ingredients (jacket) 90 ± 5 Shore A Freedom from ingredients (jacket) 17,2 mm Tolerance outer diameter (jacket) 7,2 mm Tolerance outer diameter (jacket) 97.2 mm Material wire insulation PP Material wire insulation PP Material wire insulation PP Amount wires 5 5 Outer diameter insulation PP Outer diameter tolerance core insulation 60 ± 5 Shore D Ingredient freeness wire insulation black (white isolation), white (isolation black), black (isolation brown), black (insulation blue) Amount wires Outer of single wires 0,205 mm Conductor orossection (wire) 1 mm² Material wire insulation 1 mm² Diameter of single wires 0,205 mm Conductor orossection (wire) 1 mm² Material conductor wire 0 mm² Strand classe 8 Diameter of single wires 0,205 mm Conductor orossection (wire) 1 mm² Material conductor wire 0 mm² Strand classe 8 Diameter of single wires 0,205 mm Conductor orossection (wire) 1 mm² Material conductor wire 0 mm² Stranded copper wire, bare Conductor bype (wire) Stranded copper wire, bare Conductor bype (wire) 11,3 A Electrical resistance line constant wire 11,3 A Electrical resistance line constant wire 11,3 A Electrical resistance (wire - wire) 3 kW @ 60 s Min. Operating temperature (static) 70 °C Operating temperature (static) 70 °C Operating temperature (static) 70 °C Operating temperature min. (dynamic) 70 °C Operating temperature (static) 70 °C Operating temperature (static) 70 °C Operating temperature min. (dynamic) 70 °C Operating temperature min. (dynamic) 70 °C Operating temperature (static) 70 °C Operating temperat	Additional condition temperature range	depending on cable quality
Printing color of wire insulation black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)  Jackel Color gray  Amount stranding 1  Stranding 5 wires around Filler twisted  Filler yes  wire arrangement white 4, brown 3, green-yellow, blue 2, black 1  Cable weight 86,9 g/m  Malerial jacket PIP  Shore hardness jacket 99 ± 5 Shore A  Freedom from ingredients (jacket) 125 %  Material placket PVC  Color (inner jacket) 7,2 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Color (inner jacket) 79 mm  Material wire insulation PP  Amount wires 5  Outer diameter insulation PP  Amount wires 5  Outer diameter insulation PP  Printing color of wire insulation black (white isolation), white (isolation brown), black (insulation blue)  Amount strands (wire) 1  Material color of miner insulation black (white isolation), white (isolation brown), black (insulation blue)  Amount strands (wire) 1  Marterial conductor wire Stranded copper wire, bare  Conductor type (wire) Stranded copper wir	Installation   Cable	
Jacket Color Amount stranding 1 Swires around Filter twisted Filter wise white 4, brown 3, green-yellow, blue 2, black 1 Cable weight 86,9 ym Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 104-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-	Cable identification	965
Amount stranding 1  Stranding 5 wires around Filter twisted  Filter yes  wire arrangement white 4, brown 3, green-yellow, blue 2, black 1  Cable weight 86.9 g/m  Material jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadminum-free, CFC-free, silicone-free  Outer-diameter (jacket) 7, 2 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Color (inner jacket) 97 g/m  Material inner jacket PVC  Outer-diameter (jacket) 97 g/m  Material inner jacket PVC  Outer diameter insulation PPP  Amount wires 5  Shore hardness wire insulation PPP  Amount wires 5  Outer diameter insulation 2 mm  Outer diameter insulation 2 mm  Outer diameter insulation 00 ± 5 % 9	Printing color of wire insulation	black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)
Stranding   5 wires around Filler twisted	Jacket Color	gray
Filter wire arrangement white 4, brown 3, green-yellow, blue 2, black 1  2able weight 86 9 g/m  Material jacket PUR  Shore hardness jacket Preadon from ingredients (jacket) 7,2 mm  Tolerance outer diameter (sheath) ± 5 %  Material micro diameter (sheath) ± 5 %  Material wire insulation PVC  Color (inner jacket) gray  Material wire insulation PP  Amount wires 5  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation PP  Printing color of wire insulation black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)  Amount strands (wire) 28  Dameter of Ising wires  Conductor to yee wire) Stranded copper wire, bare  Conductor to yee wire)  Conductor to yee wire)  Conductor to yee wire)  Conductor to yee wire)  Stranded copper wire, bare  Conductor to yee wire)  Current load capacity (slandard) to IDIN VDE 0298-4  Current load capacity min, wire  19,5 £ Current persure (results)  AC withstand voltage power (wire -wire)  Min. operating temperature (static)  Max. operating temperature (static)  Max. operating temperature (static)  Max. operating temperature (static)  Price of resistance  Good, application-related testing  Good of resistance  Good, application-related testing   DIN EN 60811-404  Bending radius (fixed)  7,5 x Outer diameter testing   DIN EN 60811-404  Bending radius (fixed)  7,5 x Outer diameter testing   DIN EN 60811-404	Amount stranding	1
wire arrangement         white 4, brown 3, green-yellow, blue 2, black 1           Cable weight         85,9 g/m           Material Jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         7,2 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation         PP           Amount wires         5           Outer diameter insulation         2 mm           Unter diameter insulation         60 ± 5 Shore D           Ingredient freeness wire insulation         60 ± 5 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Printing color of wire insulation         black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)           Amount strands (wire)         28           Diameter of single wires         0,205 mm           Conductor crosssection (wire)         1 mm²           Material conductor wire         Strand class 5           Current load capacity (standard)         to DIN VDE 0288-4           Curren	Stranding	5 wires around Filler twisted
Cable weight         86,9 g/m           Material jacket         PUR           Freedom from ingredients (jacket)         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         7,2 mm           Toferance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation         PP           Amount wires         5           Outer diameter insulation         2 mm           Outer diameter insulation         2 mm           Outer diameter insulation         60 ± 5 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Printing color of wire insulation         lead-free, CFC-free, halogen-free           Printing color of wire insulation         black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)           Amount strands (wire)         28           Diameter of single wires         0,205 mm           Conductor rossection (wire)         1 mm²           Material conductor wire         Strand class 5           Current load capacity (standard)         10 DIN VDE 0298-4           Current load	Filler	yes
Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         7,2 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation         PP           Amount wires         5           Outer diameter binsulation         2 mm           Outer diameter binsulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Printing color of wire insulation         ± 5 %           Printing color of wire insulation         ± 5 %           Printing color of wire insulation         black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)           Amount strands (wire)         28           Diameter of single wires         0,205 mm           Conductor crosssection (wire)         1 mm²           Material conductor wire         Stranded copper wire, barre           Conductor type (wire)         5 strand class 5           Current load capacity (standard)         to IN VDE 2098	wire arrangement	white 4, brown 3, green-yellow, blue 2, black 1
Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         7,2 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation         PP           Amount wires         5           Outer diameter insulation         2 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         60 ± 5 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Printing color of wire insulation         black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)           Amount strands (wire)         28           Diameter of single wires         0,205 mm           Conductor vice of single wires         0,205 mm           Conductor type (wire)         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Current load capacity (standard)         to DIN VDE (298-4           Current load capacity min. wire         11,3 A           Electrical resistance line constant wire         19,5 Ω/km @ 20°C	Cable weigth	86,9 g/m
Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         7,2 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation         PP           Amount wires         5           Outer diameter loulerance core insulation         2 mm           Outer diameter floerance core insulation         5 %           Shore hardness wire insulation         60 ± 5 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Printing color of wire insulation         black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)           Amount strands (wire)         28           Diameter of single wires         0,205 mm           Conductor vire (wire)         1 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         5 Stranded copper wire, bare           Courrent load capacity min. wire         11,3 A           Electrical resistance line constant wire         19,5 Dkm @ 20 °C           Nominal voltage power AC max.         600 V           Power frequency wirbstand voltage power (wire - wi	Material jacket	PUR
Outer-diameter (jacket)         7,2 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation         PP           Amount wires         5           Outer diameter insulation         2 mm           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         60 ± 5 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Printing color of wire insulation         black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)           Amount strands (wire)         28           Diameter of single wires         0,205 mm           Conductor crosssection (wire)         1 mm²           Material conductor wire         Strand class 5           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 dage power AC max.         600 V           Nominal voitage power AC max.         600 V           AC withstand voltage power (wire - wire)         3 kV @ 60 s           Min. operating te	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation         PP           Amount wires         5           Outer diameter insulation         2 mm           Outer diameter biser insulation         ± 5 %           Shore hardness wire insulation         60 ± 5 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Printing color of wire insulation         black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)           Amount strands (wire)         28           Diameter of single wires         0,205 mm           Conductor crosssection (wire)         1 mm²           Material conductor wire         Stranded copper wire, bare           Coursent load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (min. wire)         11,3 A           Electrical resistance line constant wire         19,5 0/km @ 20 °C           Nominal voltage power AC max.         600 V           Power frequency withstand voltage power (wire - wire)         3 kV @ 60 s           Min. operating temperature (static)         70 °C	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation         PP           Amount wires         5           Outer diameter locerance core insulation         2 mm           Outer diameter to locerance core insulation         ± 5 %           Shore hardness wire insulation         60 ± 5 Shore D           Ingredient freeness wire insulation         black (Fe-CF-CF-CF-Ee, halogen-free)           Printing color of wire insulation         black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)           Amount strands (wire)         28           Diameter of single wires         0,205 mm           Conductor crossection (wire)         1 mm²           Material conductor wire         Stranded copper wire, bare           Course I 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)         to DIN VDE 0298-4           Nominal voltage power AC max.         600 V           Power frequency withstand voltage power (wire - wire)         3 kV @ 60 s           Min. operating temperature (static)         -30 °C           Max. operating temperatu	Outer-diameter (jacket)	7,2 mm
Color (inner jacket)         gray           Material wire insulation         PP           Amount wires         5           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness wire insulation         lead-free, CFC-free, halogen-free           Ingredient freeness wire insulation         black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)           Amount strands (wire)         28           Diameter of single wires         0,205 mm           Conductor crosssection (wire)         1 mm²           Material conductor wire         Strand class 5           Courrent load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         11,3 A           Electrical resistance line constant wire         19,5 Ω/km @ 20 °C           Nominal voltage power (AC max.)         600 V           Power frequency withstand voltage power (wire - wire)         3 kV @ 60 s           AC withstand voltage power (wire vaire)         3 kV @ 60 s           Max. operating temperature (fixed)         70 °C           Operating temperature (min. (dynamic)         5 °C           Operating temperature min. (dynamic)         70 °C           Flame resistance         Good, application-rela	Tolerance outer diameter (sheath)	± 5 %
Material wire insulation         PP           Amount wires         5           Outer diameter insulation         2 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         60 ± 5 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Printing color of wire insulation         black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)           Amount strands (wire)         28           Diameter of single wires         0,205 mm           Conductor crosssection (wire)         1 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         11,3 A           Electrical resistance line constant wire         19,5 Ω/km @ 20 °C           Nominal voltage power (wire - wire)         3 kV @ 60 s           Min. operating temperature (static)         30 °C           Max. operating temperature (static)         70 °C           Operating temperature max. (dynamic)         5 °C           Operating temperature max. (dynamic	Material inner jacket	PVC
Amount wires         5           Outer diameter insulation         2 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         60 ± 5 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Printing color of wire insulation         black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)           Amount strands (wire)         28           Diameter of single wires         0,205 mm           Conductor crosssection (wire)         1 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         11,3 A           Electrical resistance line constant wire         19,5 Ω/km @ 20 °C           Nominal voltage power AC max.         600 V           Power frequency withstand voltage power (wire - wire)         3 kV @ 60 s           AC withstand voltage power (wire - wire)         3 kV @ 60 s           Min. operating temperature (fixed)         70 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature min. (dynamic)         -5 °C           Operat	Color (inner jacket)	gray
Outer diameter insulation         2 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         60 ± 5 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Printing color of wire insulation         black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)           Amount strands (wire)         28           Diameter of single wires         0,205 mm           Conductor crosssection (wire)         1 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         11,3 A           Electrical resistance line constant wire         11,3 A           Electrical resistance line constant wire         3 kV @ 60 s           Nominal voltage power AC max.         600 V           Power frequency withstand voltage power (wire - wire)         3 kV @ 60 s           Min. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         70 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         70 °C	Material wire insulation	PP
Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         60 ± 5 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Printing color of wire insulation         black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)           Amount strands (wire)         28           Diameter of single wires         0,205 mm           Conductor crosssection (wire)         1 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         11.3 A           Electrical resistance line constant wire         19.5 Ω/km @ 20 °C           Nominal voltage power AC max.         600 V           Power frequency withstand voltage power (wire - wire)         3 kV @ 60 s           Min. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         70 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         70 °C           Flame resistance         Good, application-related testing           Chemical resistance         Good, application-related	Amount wires	5
Shore hardness wire insulation 60 ± 5 Shore D  Ingredient freeness wire insulation lead-free, CFC-free, halogen-free  Printing color of wire insulation black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)  Amount strands (wire) 28  Diameter of single wires 0,205 mm  Conductor crosssection (wire) 1 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 11,3 A  Electrical resistance line constant wire 19,5 \(\Omega\)/km \(\omega\) 20 °C  Nominal voltage power AC max. 600 V  Power frequency withstand voltage power (wire - wire) 3 kV \(\omega\) 60 s  AC withstand voltage power (wire - wire) 3 kV \(\omega\) 60 s  Min. operating temperature (fixed) 70 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance (Good, application-related testing)  Gil resistance Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 7,5 x Outer diameter	Outer diameter insulation	2 mm
Ingredient freeness wire insulation Ingredient Ingr	Outer diameter tolerance core insulation	± 5 %
Printing color of wire insulation         black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)           Amount strands (wire)         28           Diameter of single wires         0,205 mm           Conductor crosssection (wire)         1 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         11,3 A           Electrical resistance line constant wire         19,5 Ω/km @ 20 °C           Nominal voltage power AC max.         600 V           Power frequency withstand voltage power (wire - wire)         3 kV @ 60 s           Min. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         70 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         70 °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         Good, application-related testing   DIN EN 60811-404           Bending radius (fixed)	Shore hardness wire insulation	60 ± 5 Shore D
Amount strands (wire) 28 Diameter of single wires 0,205 mm  Conductor crosssection (wire) 1 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 11,3 A Electrical resistance line constant wire 19,5 Ω/km @ 20 °C Nominal voltage power AC max. 600 V  Power frequency withstand voltage power (wire - wire) 3 kV @ 60 s  AC withstand voltage power (wire - wire) 3 kV @ 60 s  Min. operating temperature (fixed) 70 °C Operating temperature (fixed) 70 °C Operating temperature min. (dynamic) 5 °C Operating temperature max. (dynamic) 70 °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 Good, application-related testing IN EN 60811-404  Bending radius (fixed) 7,5 x Outer diameter	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Diameter of single wires         0,205 mm           Conductor crosssection (wire)         1 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         11,3 A           Electrical resistance line constant wire         19,5 Ω/km @ 20 °C           Nominal voltage power AC max.         600 V           Power frequency withstand voltage power (wire - wire)         3 kV @ 60 s           AC withstand voltage power (wire - wire)         3 kV @ 60 s           Min. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         70 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         70 °C           Flame resistance         IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1990           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oil resistance         Good, application-related testing   DIN EN 60811-404           Bending radius (fixed)         7,5 x Outer diameter	Printing color of wire insulation	black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)
Conductor crosssection (wire)         1 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         11,3 A           Electrical resistance line constant wire         19,5 Ω/km @ 20 °C           Nominal voltage power AC max.         600 V           Power frequency withstand voltage power (wire - gacket)         3 kV @ 60 s           AC withstand voltage power (wire - wire)         3 kV @ 60 s           Min. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         70 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         70 °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   DIN EN 60811-404           Bending radius (fixed)         7,5 x Outer diameter	Amount strands (wire)	28
Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         11,3 A           Electrical resistance line constant wire         19,5 Ω/km @ 20 °C           Nominal voltage power AC max.         600 V           Power frequency withstand voltage power (wire - wire)         3 kV @ 60 s           AC withstand voltage power (wire - wire)         3 kV @ 60 s           Min. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         70 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         70 °C           Flame resistance         EC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing   DIN EN 60811-404           Bending radius (fixed)         7,5 x Outer diameter	Diameter of single wires	0,205 mm
Conductor type (wire)  Strand class 5  Current load capacity (standard)  to DIN VDE 0298-4  Current load capacity min. wire  11,3 A  Electrical resistance line constant wire  19,5 Ω/km @ 20 °C  Nominal voltage power AC max.  600 V  Power frequency withstand voltage power (wire - wire)  3 kV @ 60 s  AC withstand voltage power (wire - wire)  3 kV @ 60 s  Min. operating temperature (static)  40 °C  Max. operating temperature (fixed)  70 °C  Operating temperature min. (dynamic)  70 °C  Operating temperature max. (dynamic)  70 °C  Flame resistance  EC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Oil resistance  Good, application-related testing  Oil resistance  Good, application-related testing   DIN EN 60811-404  Bending radius (fixed)  7,5 x Outer diameter	Conductor crosssection (wire)	1 mm <sup>2</sup>
Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 11,3 A  Electrical resistance line constant wire 19,5 Ω/km @ 20 °C  Nominal voltage power AC max. 600 V  Power frequency withstand voltage power (wire - wire) 3 kV @ 60 s  AC withstand voltage power (wire - wire) 3 kV @ 60 s  Min. operating temperature (static) -30 °C  Max. operating temperature (fixed) 70 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 70 °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 Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 7,5 x Outer diameter	Material conductor wire	Stranded copper wire, bare
Current load capacity min. wire       11,3 A         Electrical resistance line constant wire       19,5 Ω/km @ 20 °C         Nominal voltage power AC max.       600 V         Power frequency withstand voltage power (wire - giacket)       3 kV @ 60 s         AC withstand voltage power (wire - wire)       3 kV @ 60 s         Min. operating temperature (static)       -30 °C         Max. operating temperature (fixed)       70 °C         Operating temperature min. (dynamic)       -5 °C         Operating temperature max. (dynamic)       70 °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       Good, application-related testing   DIN EN 60811-404         Bending radius (fixed)       7,5 x Outer diameter	Conductor type (wire)	Strand class 5
Electrical resistance line constant wire 19,5 \( \Omega / \text{km} \) \( \omega 20 \circ \) \( \omega / \text{km} \) \( \omega 20 \circ \) \( \omega / \text{km} \) \( \omega 20 \circ \) \( \omega / \text{km} \) \( \omega	Current load capacity (standard)	to DIN VDE 0298-4
Nominal voltage power AC max. 600 V  Power frequency withstand voltage power (wire - jacket) 3 kV @ 60 s  AC withstand voltage power (wire - wire) 3 kV @ 60 s  Min. operating temperature (static) -30 °C  Max. operating temperature (fixed) 70 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 70 °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 Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 7,5 x Outer diameter	Current load capacity min. wire	11,3 A
Power frequency withstand voltage power (wire - jacket)  AC withstand voltage power (wire - wire)  3 kV @ 60 s  Min. operating temperature (static)  40 °C  Max. operating temperature (fixed)  70 °C  Operating temperature min. (dynamic)  70 °C  Operating temperature max. (dynamic)  70 °C  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  Good, application-related testing   DIN EN 60811-404  Bending radius (fixed)  7,5 x Outer diameter	Electrical resistance line constant wire	19,5 Ω/km @ 20 °C
(wire - jacket)  AC withstand voltage power (wire - wire)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  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  Good, application-related testing   DIN EN 60811-404  Bending radius (fixed)  7,5 x Outer diameter	Nominal voltage power AC max.	600 V
Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  To °C  Operating temperature max. (dynamic)  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  Good, application-related testing   DIN EN 60811-404  Bending radius (fixed)  7,5 x Outer diameter	. ,	3 kV @ 60 s
Max. operating temperature (fixed)  Operating temperature min. (dynamic)  -5 °C  Operating temperature max. (dynamic)  70 °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  Good, application-related testing   DIN EN 60811-404  Bending radius (fixed)  7,5 x Outer diameter	AC withstand voltage power (wire - wire)	3 kV @ 60 s
Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °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 Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 7,5 x Outer diameter	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic) 70 °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 Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 7,5 x Outer diameter	Max. operating temperature (fixed)	70 °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 Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 7,5 x Outer diameter	Operating temperature min. (dynamic)	-5 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing   DIN EN 60811-404 Bending radius (fixed) 7,5 x Outer diameter	Operating temperature max. (dynamic)	70 °C
Gasoline resistance     Good, application-related testing       Oil resistance     Good, application-related testing   DIN EN 60811-404       Bending radius (fixed)     7,5 x Outer diameter	Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
Oil resistance Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 7,5 x Outer diameter	chemical resistance	Good, application-related testing
Bending radius (fixed) 7,5 x Outer diameter	Gasoline resistance	Good, application-related testing
	Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (dynamic) 10 x Outer diameter	Bending radius (fixed)	7,5 x Outer diameter
	Bending radius (dynamic)	10 x Outer diameter