

M12 female 90° A-cod. with cable shielded

PVC 5x0.34 shielded gy 30m

Female 90° M12, 5-pole shielded

with cable sleeves

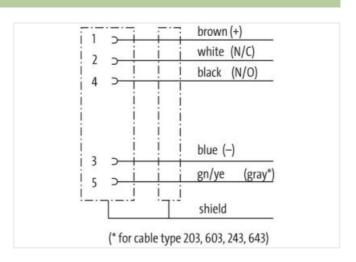
Plastic housings with good resistance against chemicals and oils.

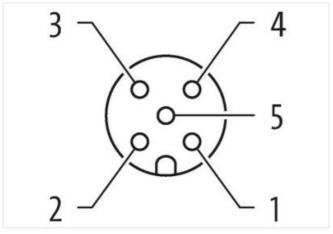
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

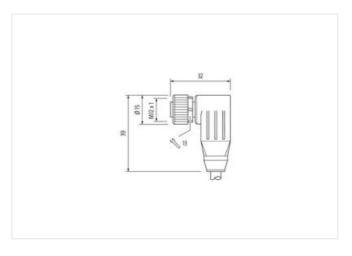
Link to Product

Illustration









Product may differ from Image











Cable length

30 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: 2024-04-29



stay connected

Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
Commercial data	got pato
ECLASS-6.0	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	4048879406222
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Installation Connection	
Stripping length (jacket)	20 mm
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)	<u> </u>
Mechanical data Contour for corrugated hose	without
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	

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Operating temperature max. 85 °C Additional condition temperature range operating on cable quality Conformity Froduct standard DN EW 61076 2-101 (M12) Institution (Cable Cable identification (Cable Stranding factor min. 348 Jacket Color 979 Amount standing 1 1 Stranding factor min. 75 mm Strandin	Operating temperature min.	-25 °C
Additional condition temperature range depending on cable quality Product clanifadad DIN EN 61076-2-101 (M12) Product clanifadad 348 Assert Color 979 Annount atranding 1 Seranding 1 5 wice around Core filter twisted Stranding factor man. 75 mm Cable scheding (overage) 85 % Sanding factor man. 75 mm Cable scheding (overage) 85 % Bandring (ypp) copper braid, finned Cable scheding (overage) 85 % Bandring 1998 Filter yes was arrangement brown, black, blue, white, green-yellow Cable weighth 72.05 gm Material jacket Product (group) (apachers) (a		
Conformity DIN EN 61076-2-101 (M12) Product standard DIN EN 61076-2-101 (M12) Institution Cable Second 10 (M12) Cable identification 348 Jacket Color gray Amount stranding 1 Stranding factor min. 75 min Stranding factor max. 75 min Cable shelding (type) copper traid, fined Sabe shelding (coverage) 85 % Banding Foil Filter yes wire arrangement brown, Stack, Blue, white, green-yellow Cable weight 72.05 g/m Wire arrangement brown, Stack, Blue, white, green-yellow Cable weight 72.05 g/m Wire arrangement (species) 75 Shore A Clade-weight (species) 75 Shore A Freedom from ingredients (glacket) 1,5 % Shore landiness (glacket) 1,5 % Material were insulation 1,4 mm Outer diameter (streamed were insulation) 1,4 mm Outer diameter (streamed were insulation) 1,5 % Bornate or or insulation (species)		
Product standard DIN EN 61078-2-101 (M12)	, ,	Suppliesing on Suppliesing
Table institution Cable	•	DIN EN (4070 0 404 (M40)
Cable identification 948 Jackot Color gray Annount stranding 1 Stranding 5 wires around Core filter twisted Stranding factor min. 75 mm Stranding factor min. 75 mm Cable shielding (type) copper braid, tinned Cable shielding (vovarage) 85 % Barding Foil Filter yes wire aurangement brown, black, blue, white, green-yellow Cable weight 72,06 g/m Material jacket PC Shore hardness jacket 75 Shore A Feedoon from ingredents (spicket) 75 Shore A Feedoon from ingredents (spicket) 5.9 mm Tolerance outer damater (speach) 5.9 mm Tolerance outer damater (speach) 5.9 mm Tolerance outer damater (speach) 5.9 mm Outer damater insulation PVC Armount wires 5 Outer damater insulation 4.4 mm Ingredient feeness wire insulation 8.5 Shore A Ingredient feeness wire insulation 9.5 % <		DIN EN 61076-2-101 (M12)
Jacket Color	Installation Cable	
Amount stranding 1 Stranding 5 wires around Core filler twisted Stranding factor max. 75 mm Cable shelding factor max. 75 mm Cable shelding (poverage) 85 % Barding Foil Filler yes wire arrangement brown, black, blue, white, green yellow Cable weight 72.05 g/m Martinal jacket PVC Shore hardness jacket 75 Shore A Freedom from gendents (facket) 15 Shore Martiness jacket Tollerance outer diameter (facket) 5,9 mm Outer-diameter (jacket) 5,9 mm Tollerance outer diameter (seeth) 5 % Marterial wire insulation PVC Amount wires 5 Outer diameter insulation 1,4 mm Outer diameter insulation 1,4 mm Outer diameter insulation 1,5 mm Impedient researches weir insulation 1,5 mm Outer diameter tolerance core insulation 1,5 mm Current cod capacity wires 1,1 mm Quiter diameter (see insulation) 1,5	Cable identification	348
Syranding 5 wires around Core tiller twisted Stranding factor min. 75 mm Stranding factor max. 75 mm Cable shielding (type) cooper braid, tinned Cable shielding (coverage) 85 % Bandning Fol Filler yes wire arrangement Drown, black, blue, while, green-yellow Cable weigh 72.05 g/m Material jacket PVC Shore hardness jacket 75 Shore A Freedom from ingredients (jacket) lead free, cadmium-free, CFC-free Outer-diameter (jacket) 2.5 % Material wire insulation PVC Amount wires 5 Outer diameter treatment orce insulation 1,4 mm Outer diameter treatment orce insulation 1,4 mm Ingredient freeness wire insulation 2.5 % Dutter diameter treatment core insulation 1,5 mm Ingredient freeness wire insulation 8.5 fhore A Under diameter treatment (jeving) 42 Damater of single were 0,1 mm Conductor you (viving) 5 franded copper wire, bare <td>Jacket Color</td> <td>gray</td>	Jacket Color	gray
Stranding factor mix. 75 mm Stranding factor max. 75 mm Cabbe shelding (toverage) 85 % Banding Fol Filler yes wire arrangement brown, black, blue, white, green-yellow Cabbo weight 72 55 g im Material jacket PVC Shore hardness glacket 75 5hore A Freedom from ingredients (jacket) 5,9 mm Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (febralth) 1 5 % Material wire insulation PVC Amount wires 5 Outer diameter tolerance oore insulation 1,4 mm Outer diameter tolerance oore insulation 25 % Shore hardness wire insulation 85 Shore A Ingredient freeness wire insulation 85 Shore A Ingredient freeness wire insulation 95 Shore A	Amount stranding	1
Stranding factor max. 75 mm Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Shading Foll Filler yes Wire arrangement brown, black, blue, white, green-yellow Cable weight 72,05 g/m Material jacked PVC Shore hardness jacket PVC Shore hardness jacket 75 Shore A Freedom from ingredients (jacket) 5,9 mm Cable weight 5,9 mm Cable weight 5,9 mm Cable weight 6,0 mm		5 wires around Core filler twisted
Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Foil Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weight 72,05 g/m Material jacket PVC Shore hardness jacket 75 Shore A Freedon from ingredients (jacket) lead-free, cadmium-free, CFC-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation ± 5 % Shore hardness wire insulation ± 5 % Outer diameter simulation ± 5 % Shore hardness wire insulation ± 5 % Shore hardness wire insulation ± 5 % Amount strands (wire) 42 Dameter of single wires 0,1 mm Conductor crossection (wire) 33 mm² Material onclutor wire Stranded copper wire, bare Coursent load capacity (standard) to DIN VDE 0298 4 Current load capaci	Stranding factor min.	75 mm
Cable shielding (coverage) 85 % Banding Foll Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weight 72.05 g/m Material Jacket PVC Shore hardness jacket 75 Shore A Freedom from ingredients (jacket) 16 Amount wire (packet) Outer-diameter (sheath) ± 5 % Material were insulation PVC Amount wires 5 Outer diameter (sheath) ± 5 % Outer diameter blerance core insulation 1,4 mm Outer diameter blerance core insulation 85 Shore A Ingredient freeness wire insulation 85 Amount strands (wire) Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor type (wire) 8 Armade dosper wire, bare Conductor type (wire) 8 A	Stranding factor max.	75 mm
Banding Foil Filter yes Filter yes wire arrangement brown, black, blue, white, green-yellow Cable weight 72.05 g/m Material jacket PVC Shore hardness jacket 75 Shore A Fleedon from ingredients (jacket) lead-free, cadmium-free, CFC-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) 5 % Material wire insulation PVC Amount wires 5 Cuter diameter insulation 1.4 mm Cuter diameter insulation 4.5 % Ingredient freeness wire insulation 85 Shore A Ingredient freeness wire insulation 85 Shore A Ingredient freeness wire insulation 1.4 mm Ingredient freeness wire insulation 85 Shore A Ingredient freeness wire insulation 1.4 mm Ingredient freeness wire insulation 85 Shore A Ingredient freeness wire insulation 1.5 mm Ingredient freeness wire insulation 1.5 mm Ingredient freeness wire insulation 9.5 mm <tr< td=""><td>Cable shielding (type)</td><td>copper braid, tinned</td></tr<>	Cable shielding (type)	copper braid, tinned
Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weight 72.05 g/m Material jacket FVC Shore hardness jacket 75 Shore A Freedom from ingredients (jacket) 15,9 mm Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,4 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 1,4 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 1,4 mm Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor rosssection (wire) 0,34 mm² Material conductor vire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0289-4 Current load capacity (standard) to DIN VDE 0289-4 Current load capacity mix wire 4	Cable shielding (coverage)	85 %
wire arrangement brown, black, blue, white, green-yellow Cable weight 72.05 g/m Material jacket PVC Shore hardness jacket 75 Shore A Freedom from ingredients (facket) 15.9 mm Outer-diameter (acket) 5.9 mm Tolerance outer diameter (sheath) 2.5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1.4 mm Outer diameter insulation 1.5 % Shore hardness wire insulation 85 Shore A Ingredient freeness wire insulation 16 Shore A Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor pressection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 298-4 Current load capacity min. wire 4,8 A Electrical resistance line constant w	Banding	Foil
Cable weight 72,05 g/m Material jacket PVC Shore hardness jacket 75 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free Outer-diameter (jacket) 5.9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 85 Shore A Ingredient freeness wire insulation 85 Shore A Ingredient freeness wire insulation lead-free, CFC-free Amount strads (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Strand class 6 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 Bettrical resistance line constant wire 57 Ω/km @ 20 °C Max. rated voltage power (conductor - orgound) 500 V AC withstand voltage power (conductor - shelded) 1,5 kV @	Filler	yes
Material jacket PVC Shore hardness jacket 75 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,4 mm Outer diameter rolorance core insulation ± 5 % Shore hardness wire insulation 85 Shore A Ingredient freeness wire insulation 85 Shore A Ingredient freeness wire insulation 16ad-free, CFC-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 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Act withstand voltage power (wire - shield) 1,5 k	wire arrangement	brown, black, blue, white, green-yellow
Shore hardness jacket 75 Shore A	Cable weigth	72,05 g/m
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (shealth) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter tolerance core insulation 1,4 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 85 Shore A Ingredient freeness wire insulation lead-free, CFC-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 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load voltage power (conductor - ground) 30 V Max. rated voltage power (conductor - ground) 30 V Max. rated voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - shield) 1,5 kV @ 60 s Morthistand voltage power (wire - wire) 1,5 kV @ 60	Material jacket	PVC
Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (shealth) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,4 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 85 Shore A Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor vive Stranded copper wire, bare Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire) 5.7 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (wire - shield) 1.5 kV @ 60 s Power frequency withstand voltage power (wire - shield) 1.5 kV @ 60 s AC withstand voltage power (wire - wire) 1.5 kV @ 60 s Min. operating temperature (fixed) 80 °C Operat	Shore hardness jacket	75 Shore A
Tolerance outer diameter (sheath)	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,4 mm Outer diameter tolerance core insulation 25 % Shore hardness wire insulation 85 Shore A Ingredient freeness wire insulation lead-free, CFC-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 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - shield) 1,5 kV @ 60 s AC withstand voltage power (wire - wire) 1,5 kV @ 60 s Min. operating temperature (static) -30 °C Max. poreating temperature (static) -30 °C Min. operating temperature (mixed) -5 °C <t< td=""><td>Outer-diameter (jacket)</td><td>5,9 mm</td></t<>	Outer-diameter (jacket)	5,9 mm
Amount wires 5 Outer diameter insulation 1,4 mm Outer diameter folerance core insulation ±5 % Shore hardness wire insulation 85 Shore A Ingredient freeness wire insulation lead-free, CFC-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 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Electrical resistance line constant wire 57 0/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V AC withstand voltage power (wire - shield) 1,5 kV @ 60 s Min. operating temperature (state) - 30 °C Max. operating temperature (state) - 30 °C Min. operating temperature (mixed) 80 °C Operating temperature min. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1900 IEC 60332-2-2 Chemical resistance Good, application-related testing DIN EN 60811-404	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation 1,4 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 85 Shore A Ingredient freeness wire insulation lead-free, CFC-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 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 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Ac withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - shield) 1,5 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature max. (dynamic) -5 °C Operating t	Material wire insulation	PVC
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 85 Shore A Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crossection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V AC withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - shield) 1,5 kV @ 60 s AC withstand voltage power (wire - wire) 1,5 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) 70 °C Flame resistance <t< td=""><td>Amount wires</td><td>5</td></t<>	Amount wires	5
Shore hardness wire insulation Ingredient freeness wire insulation Iead-free, CFC-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) Attended copper wire, bare Stranded copper wire, bare Conductor type (wire) Stranded copper wire, bare Conductor type (wire) Strand cass 6 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Electrical resistance line constant wire 57 \(\Omega \text{lm} \text{ @ 00 °C} \) Max. rated voltage power (conductor - ground) AC withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - shield) Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) 70 °C Flame resistance Good, application-related testing Good, application-related testing I DIN EN 60811-404	Outer diameter insulation	1,4 mm
Ingredient freeness wire insulation lead-free, CFC-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 dayabe. Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - 500 V AC withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - wire) 1,5 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) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gil resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing	Outer diameter tolerance core insulation	±5%
Amount strands (wire) Diameter of single wires O,1 mm Conductor crosssection (wire) Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 6 Current load capacity (standard) Current load capacity min. wire 4,8 A Electrical resistance line constant wire Max. rated voltage power (conductor - ground) AC withstand voltage power (wire - shield) AC withstand voltage power (wire - shield) AC withstand voltage power (wire - wire) AC withstand voltag	Shore hardness wire insulation	85 Shore A
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 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 500 V AC withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - shield) 1,5 kV @ 60 s AC withstand voltage power (wire - wire) 1,5 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) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing </td <td>Ingredient freeness wire insulation</td> <td>lead-free, CFC-free</td>	Ingredient freeness wire insulation	lead-free, CFC-free
Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 500 V AC withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - wire) 1,5 kV @ 60 s AC withstand voltage power (wire - wire) 1,5 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) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404	Amount strands (wire)	42
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - 500 V AC withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - wire) 1,5 kV @ 60 s AC withstand voltage power (wire - wire) 1,5 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) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404	Diameter of single wires	0,1 mm
Conductor type (wire) strand class 6 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Electrical resistance line constant wire 57 \(\Omega / \text{km} \) @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - solve of the standard voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - wire) 1,5 kV @ 60 s AC withstand voltage power (wire - wire) 1,5 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) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing DIN EN 60811-404	Conductor crosssection (wire)	0,34 mm²
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - conductor) 500 V AC withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - wire) 1,5 kV @ 60 s AC withstand voltage power (wire - wire) 1,5 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) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404	Material conductor wire	Stranded copper wire, bare
Current load capacity min. wire 4,8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - sonductor) 500 V AC withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - wire) 1,5 kV @ 60 s AC withstand voltage power (wire - wire) 1,5 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) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404	Conductor type (wire)	strand class 6
Electrical resistance line constant wire 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - 500 V AC withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - wire) 1,5 kV @ 60 s AC withstand voltage power (wire - wire) 1,5 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) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404	Current load capacity (standard)	to DIN VDE 0298-4
Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - 500 V AC withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - wire) 1,5 kV @ 60 s AC withstand voltage power (wire - wire) 1,5 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) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404	Current load capacity min. wire	4,8 A
Max. rated voltage power (conductor - conductor) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - shield) AC withstand voltage power (wire - wire) AC withstand voltage power (wire - wire) AC withstand voltage power (wire - wire) Min. operating temperature (static) AS C Max. operating temperature (fixed) BO °C Operating temperature min. (dynamic) COPERATING TO °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404	Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) 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) To °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 Chemical resistance Good, application-related testing Gli resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404	Max. rated voltage power (conductor - ground)	300 V
Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) 1,5 kV @ 60 s Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) To °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404		500 V
(wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) To °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404	AC withstand voltage power (wire - shield)	1,5 kV @ 60 s
Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) To °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404		1,5 kV @ 60 s
Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404	AC withstand voltage power (wire - wire)	1,5 kV @ 60 s
Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404	Max. operating temperature (fixed)	0° 08 ℃
Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404	Operating temperature min. (dynamic)	-5 °C
Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404		70 °C
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404		UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404	chemical resistance	Good, application-related testing
<u> </u>	Gasoline resistance	
	Oil resistance	Good, application-related testing DIN EN 60811-404
	Bending radius (dynamic)	15 x Outer diameter