

## M8 female 0° A-cod. with cable V4A

PUR 3x0.25 gy UL/CSA 2.5m

## **⚠ NOTICE ⚠** PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Female straight

M8, 3-pole

Stainless steel 1.4404 (V4A)

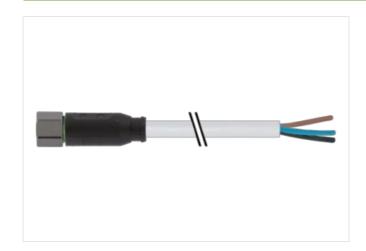
Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

Plastic housings with good resistance against chemicals and oils.

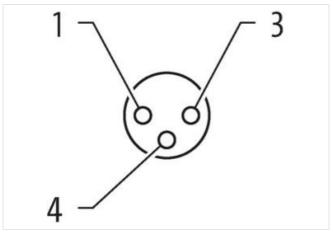
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

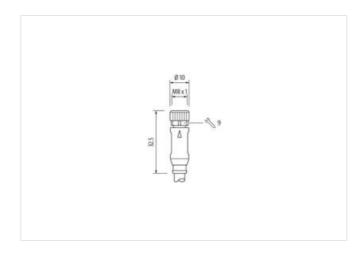
## **Link to Product**

## Illustration









Product may differ from Image







stay connected

Cable length	2,5 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-7.0	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	4048879406864
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	50 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
Diagnostics	
Status indication LED	no
Installation   Connection	
Stripping length (jacket)	20 mm
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data   Material data	
Material gasket	FKM
Material housing	PUR
Locking material	Stainless steel 1.4404 (V4A)
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	

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: 2024-04-26



Contentity	Operating temperature min.	-25 °C
Control         DIN EN 61076-2-114 (M8)           Product standard         DIN EN 61076-2-114 (M8)           Installation ( Cable )         Cable identification           Cable in yee         2           Jacked Cofor         gray           Type of Certificate         CURUS           Amount standing         1           Stranding         3 wires twisted           Wine a strangement         brown, black, blue           No. of bending cycles CV track)         2 Mo. og 25 °C           Cable weigth         26.82 g/m           Material packet         PUR           Shore hardness jacket         85.2 5 Shore A           Freedom from ingredients (jacket)         48.3 mm           Outer diameter (jacket)         4.3 mm           Toferance outer diameter (sheath)         4.5 %           Material wire insulation         PVC           Amount wires         3         3           Outer diameter insulation         1.25 mm           Outer diameter insulation         43 ± 5 Shore D           Material worders were insulation         43 ± 5 Shore D           Material worders were insulation         43 ± 5 Shore D           Material conductor wire         30 ± 5 Shore D           Carrier of a capacity wire	Operating temperature max.	85 °C
Product standard         DIN EN 61076-2-114 (M8)           Installation   Cable           Cable (Institution)         220           Cable (Institution)         2 2           Jacker (Color         gray           Type of Certificate         CUPus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, Back, Bule           No. of bending cycles (Crtack)         2 Mo. @ 25 °C           Cable weight         26.62 g/m           Material Jacket         PUR           Shore hardness jacket         85 ± S Shore A           Shore hardness jacket         85 ± S Shore A           Shore hardness jacket         85 ± S Shore A           Outer diameter (jackel)         4.3 mm           Outer diameter (speckel)         4.3 mm           Outer diameter (speckel)         4.5 mm           Material wire insulation         PVC           Amount wires         3           Outer diameter tolerance core insulation         ± 5 %           Material grouperies wire insulation         ± 5 %           Material properties wire insulation         ± 5 %           Outer diameter (of large wire)         ± 7 %           Diameter of single wires </td <td>Additional condition temperature range</td> <td>depending on cable quality</td>	Additional condition temperature range	depending on cable quality
Cable identification         20           Cable Type         2           Jacked Color         gray           Type of Certificate         cUPus           Amount altarrading         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         2 Mio. 25 °C           Cable weight         26.62 g/m           Material packet         FUR           Shore hardness jacket         PUR           Shore hardness jacket         85 ± S Shore A           Freedom from ingredients (gaket)         lead-free, cadminum-free, CFC-free, silicone-free           Under diameter (sched)         4.3 mm           Tolerance outer diameter (scheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         ± 5 %           Material properties wire insulation	Conformity	
Cable identification         220           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wito arrangement         brown, back, blue           No. of bending cycles (C-track)         2 Mo. @ 25 °C           Cable weight         26,52 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,3 mm           Toldrance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter insulation         1,25 mm           Material properties wire insulation         40 ± 5 Shore D           Material properties wire insulation         43 ± 5 Shore D           Material properties wire insulation         40 ± 5 Shore D           Material properties wire insulation         40 ± 5 Shore D           Material properties wire insulation         40 ± 5 Shore D	Product standard	DIN EN 61076-2-114 (M8)
Cable Type         2           Jacket Color         gray           Type of Certificate         UPus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weight         26,82 gm           Material Jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         43,3 mm           Outer-diameter (jacket)         4,3 mm           Tolerance outer dameter (health)         4.5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         PVC           Amount strands wire insulation         43 ± 5 Shore D           Material properties wire insulation         5 %           Shore hardness wire insulation         9 C demandmental properties wire insulation           Ingredient freeness wire insulation         9 C demandmental properties wire insulation           Ingredient freeness wire insulation         9 C d macket insulation           Ingredient freeness wire insulation         9 C d macket insulation           Ingredient freeness wire insulation	Installation   Cable	
Cable Type         2           Jacket Color         gray           Type of Certificate         UPus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weight         26,82 gm           Material Jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         43,3 mm           Outer-diameter (jacket)         4,3 mm           Tolerance outer dameter (health)         4.5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         PVC           Amount strands wire insulation         43 ± 5 Shore D           Material properties wire insulation         5 %           Shore hardness wire insulation         9 C demandmental properties wire insulation           Ingredient freeness wire insulation         9 C demandmental properties wire insulation           Ingredient freeness wire insulation         9 C d macket insulation           Ingredient freeness wire insulation         9 C d macket insulation           Ingredient freeness wire insulation	·	220
Jacket Color		
Type of Certificatie         cURus           Annount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bendring cycles (C-track)         2 Mio. @ 25 °C           Cable weight         26.62 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         43 mm           Outer-diameter (jacket)         4.3 mm           Tolerance outer diameter (health)         2.5 %           Material wire insulation         PVC           Annount wires         3           Outer diameter insulation         1.25 mm           Outer diameter insulation         1.25 mm           Outer diameter insulation         2.5 %           Shore hardness wire insulation         4.3 ± 5 Shore D           Material properties were insulation         2.5 mm           Outer diameter insulation         1.0 mm           Impedient freeness wire insulation         2.5 mm           Outer diameter insulation         2.5 mm           Under diameter insulation         2.5 mm           Outer diameter insulation         2.5 mm           Outer diameter wire insulation <td< td=""><td></td><td></td></td<>		
Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weight         26,62 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CPC-free, silicone-free           Cuter-diameter (jacket)         4.3 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wree insulation         PVC           Amount wries         3           Outer diameter tolerance core insulation         1,25 mm           Outer diameter tolerance core insulation         1,25 mm           Outer diameter tolerance core insulation         43 ± 5 Shore D           Material properties wire insulation         43 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         good machinability           Ingredient freeness wire insulation         43 ± 5 Shore D           Material properties wire insulation         1,0 mm           Conductor treesses wire insulation         1,0 mm           Conductor trees wire insulation         0,1		
Stranding   3 wires twisted	**	
wire arrangement brown, black, blue No. of bending cycles (C+tack) 2 Mio. @ 25° C Cable weigh 26.62 g/m Material jacket PUR Shore hardness jacket Freedom from ingredients (jacket) 0uter-diameter (jacket) 4.3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter folerance ore insulation 1,25 mm Outer diameter insulation 3 3 Outer diameter insulation 1,25 mm Material properties wire insulation 3 3 Shore hardness wire insulation 1,25 mm Material properties wire insulation 1,25 mm Material conductor wire 3,2 Diameter of singlie wires 0,1 mm Conductor or cossection (wire) 3,2 Diameter of singlie wires 0,1 mm Conductor type (wire) 1,25 mm² Material conductor wire 1,25 mm² Material wire wire		
No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weight         26,62 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,3 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter solution on the simple swire insulation         43 ± 5 Shore D           Material properties wire insulation         43 ± 5 Shore D           Material properties wire insulation         43 ± 5 Shore D           Material properties wire insulation         43 ± 5 Shore D           Ingredient freeness wire insulation         43 ± 5 Shore D           Dameter of single wires         0,1 mm           Conductor (wire)         32           Dameter of single wires         0,1 mm           Conductor type (wire)         strande clopper wire, bare           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (sinchard)         to DIN VDE 0298-4           Current load capacity (sinchard)		
Cable weight         26.62 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,3 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         43 ± 5 Shore D           Material properties wire insulation         43 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         good machinability           Ingredient freeness wire insulation         183 ± Shore D           Material properties wire insulation         184 ± Shore D           Material conductor wire         32           Diameter of single wires         0,1 mm           Conductor yee (wire)         \$25 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity min. wire	-	
Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,3 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter Insulation         1,25 mm           Outer diameter Insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Material properties wire insulation         43 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor (wire)         0,25 mm²           Material conductor wire         Stranded copper wire, barre           Conductor (wire)         5 m @ 25 °C   horizontal           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 9           Electrical resistance		
Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,3 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter insulation         45 %           Shore hardness wire insulation         43 ± 5 Shore D           Material properties wire insulation         43 ± 5 Shore D           Material properties wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Onductor crosssection (wire)         0,25 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity win. wire         4,5 A           Electrical resistance In constant wire         79 Ω/km @ 20 °C           Nominal voltage power AC max.         300 °C           Power fr		<del>-</del>
Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,3 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         ± 5 mm           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Material properties wire insulation         900 machinability           Ingredient freeness wire insulation         90.25 mm²           Material conductor wire         91.25 mm²           Material conductor wire         91.25 mm²         95.25 (Indianate)           Conductor type (wire)		
Outer-diameter (jacket)         4,3 mm           Tolerance outer diameter (shealth)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor of single wires         0,1 mm           Conductor wire         Stranded copper wire, bare           Conductor type (wire)         ± strand class 6           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 298-4           Current load capacity min. wire         4,5 A           Electrical resistance line constant wire         79 0 Nm @ 20 °C           Nominal voltage power (wire - wire)         2 kV @ 60 s           Min. operating temperature (fixed)         80 °C           Operating temperature (static)         -30 °C           Max. operating temperature (	<u> </u>	
Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1.25 mm           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor orsssection (wire)         0.25 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         stranded copper wire, bare           Conductor type (wire)         stranded copper wire, bare           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (slandard)         to DIN VDE 0298-4           Current load capacity (slandard)         to DIN vDE 06 08		
Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor orsessection (wire)         0,25 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity wire, wire         4,5 A           Electrical resistance line constant wire         79 Ω/km @ 20 °C           Nominal voltage power AC max.         300 V           Power frequency withstand voltage power (wire - wire)         2 kV @ 60 s           Min. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         80 °C </td <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td>		· · · · · · · · · · · · · · · · · · ·
Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,25 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to IN VDE 0298-4           Current load capacity min. wire         4,5 A           Electrical resistance line constant wire         79 Ω/km @ 20 °C           Nominal voltage power (wire Amax.)         300 V           Power frequency withstand voltage power (wire - wire)         2 kV @ 60 s           Min. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         -30 °C           Operating temperature (mix. (dynamic))         -5 °C           Operating temperature max. (dynamic)         -5 °C		
Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 32  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,5 A  Electrical resistance line constant wire 79 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s  Min. operating temperature (static) -30 °C  Max. operating temperature (static) -5 °C  Operating temperature max. (dynamic) 80 °C  Flame resistance Good, application-related testing  Gasoline resistance DIN E0811-0041 (Sood, application-related testing)  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 10 x Outer diameter		
Outer diameter tolerance core insulation \$\frac{1}{2}\$ \$\frac{1}{5}\$ Nore hardness wire insulation \$\frac{1}{3}\$ \$\frac{1}{2}\$ \$\frac{1}{5}\$ Nore D\$  Material properties wire insulation \$\text{good machinability}\$  Ingredient freeness wire insulation   \text{lead-free, cadmium-free, CFC-free, silicone-free}\$  Amount strands (wire) \$\frac{3}{2}\$  Diameter of single wires 0,1 mm  Conductor orosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire)   \text{stranded copper wire, bare}\$  Conductor type (wire)   \text{strand class 6}\$  Traversing distance (C-track) 5 m @ 25 °C   horizontal   Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,5 A  Electrical resistance line constant wire 79 \( \text{Drike} \text{@ 60 s} \)  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s  Min. operating temperature (stied) 80 °C  Operating temperature (fixed) 80 °C  Operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) 5 °C  Operating temperature max. (dynamic) 80 °C  Flame resistance UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  chemical resistance  Oil resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 10 × Outer diameter		
Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 32  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity grin. wire 4,5 A  Electrical resistance line constant wire 79 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s  Min. operating temperature (static) -30 °C  Max. operating temperature (static) -30 °C  Max. operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  Flame resistance Good, application-related testing  Gasoline resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 10 x Outer diameter		<u> </u>
Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,25 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4,5 A           Electrical resistance line constant wire         79 Ω/km @ 20 °C           Nominal voltage power AC max.         300 V           Power frequency withstand voltage power (wire - wire)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           Max. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         -5 °C           Operating temperature max. (dynamic)         -5 °C           Gasoline resistance         Good, application-related testing           Oil resistance<		
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 32  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Conductor type (wire) strand class 6  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,5 A  Electrical resistance line constant wire 79 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s  AC withstand voltage power (wire - wire) 2 kV @ 60 s  Min. operating temperature (static) -30 °C  Max. operating temperature (static) -5 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  Flame resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 10 x Outer diameter		
Amount strands (wire)       32         Diameter of single wires       0,1 mm         Conductor crosssection (wire)       0,25 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       5 m @ 25 °C   horizontal         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       4,5 A         Electrical resistance line constant wire       79 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - wire)       2 kV @ 60 s         AC withstand voltage power (wire - wire)       2 kV @ 60 s         Min. operating temperature (static)       -30 °C         Max. operating temperature (fixed)       80 °C         Operating temperature min. (dynamic)       5 °C         Operating temperature max. (dynamic)       80 °C         Flame resistance       UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       DIN EN 60811-404   Good, application-related testing         Bending radius (fixed)       10 x Outer diameter	<u> </u>	
Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,5 A  Electrical resistance line constant wire 79 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - yiacket)  AC withstand voltage power (wire - wire) 2 kV @ 60 s  Min. operating temperature (static) -30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  Flame resistance UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 10 x Outer diameter		
Conductor crosssection (wire)       0,25 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       5 m @ 25 °C   horizontal         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       4,5 A         Electrical resistance line constant wire       79 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - wire)       2 kV @ 60 s         AC withstand voltage power (wire - wire)       2 kV @ 60 s         Min. operating temperature (static)       -30 °C         Max. operating temperature (fixed)       80 °C         Operating temperature min. (dynamic)       -5 °C         Operating temperature max. (dynamic)       80 °C         Flame resistance       UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       DIN EN 60811-404   Good, application-related testing         Bending radius (fixed)       10 x Outer diameter	· ,	
Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4,5 A           Electrical resistance line constant wire         79 Ω/km @ 20 °C           Nominal voltage power AC max.         300 V           Power frequency withstand voltage power (wire - wire)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           Min. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         80 °C           Flame resistance         UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oil resistance         DIN EN 60811-404   Good, application-related testing           Bending radius (fixed)         10 x Outer diameter		· · · · · · · · · · · · · · · · · · ·
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Traversing distance (C-track) 5 m @ 25 °C   horizontal  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,5 A  Electrical resistance line constant wire 79 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - jacket) 2 kV @ 60 s  AC withstand voltage power (wire - wire) 2 kV @ 60 s  Min. operating temperature (static) -30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  Flame resistance UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 10 x Outer diameter		
Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       4,5 A         Electrical resistance line constant wire       79 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - wire)       2 kV @ 60 s         AC withstand voltage power (wire - wire)       2 kV @ 60 s         Min. operating temperature (static)       -30 °C         Max. operating temperature (fixed)       80 °C         Operating temperature min. (dynamic)       -5 °C         Operating temperature max. (dynamic)       80 °C         Flame resistance       UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing         Bending radius (fixed)       10 x Outer diameter		
Current load capacity min. wire 4,5 A  Electrical resistance line constant wire 79 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s  AC withstand voltage power (wire - wire) 2 kV @ 60 s  Min. operating temperature (static) -30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  Flame resistance UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 10 x Outer diameter		
Electrical resistance line constant wire       79 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - gizket)       2 kV @ 60 s         AC withstand voltage power (wire - wire)       2 kV @ 60 s         Min. operating temperature (static)       -30 °C         Max. operating temperature (fixed)       80 °C         Operating temperature min. (dynamic)       -5 °C         Operating temperature max. (dynamic)       80 °C         Flame resistance       UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing         Bending radius (fixed)       10 x Outer diameter		
Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - piacket) 2 kV @ 60 s  AC withstand voltage power (wire - wire) 2 kV @ 60 s  Min. operating temperature (static) -30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  Flame resistance UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 10 x Outer diameter		
Power frequency withstand voltage power (wire - jacket)  AC withstand voltage power (wire - wire)  2 kV @ 60 s  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  5°C  Operating temperature max. (dynamic)  5°C  Operating temperature max. (dynamic)  80°C  Flame resistance  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  chemical resistance  Good, application-related testing  Gasoline resistance  Oil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  10 x Outer diameter		
AC withstand voltage power (wire - wire) 2 kV @ 60 s  Min. operating temperature (static) -30 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  Flame resistance UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 10 × Outer diameter	• 1	300 V
Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  Bo °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Oil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  10 × Outer diameter	Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
Max. operating temperature (fixed)  Operating temperature min. (dynamic)  -5 °C  Operating temperature max. (dynamic)  80 °C  Flame resistance  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Oil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  10 × Outer diameter		2 kV @ 60 s
Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Flame resistance UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404   Good, application-related testing Bending radius (fixed) 10 x Outer diameter	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic) 80 °C  Flame resistance UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 10 x Outer diameter	Max. operating temperature (fixed)	80 °C
Flame resistance UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 10 x Outer diameter	Operating temperature min. (dynamic)	-5 °C
chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing         Bending radius (fixed)       10 x Outer diameter	Operating temperature max. (dynamic)	80 °C
Gasoline resistance Good, application-related testing  Oil resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 10 x Outer diameter	Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
Oil resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 10 x Outer diameter	chemical resistance	Good, application-related testing
Bending radius (fixed) 10 x Outer diameter	Gasoline resistance	Good, application-related testing
	Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (dynamic) 15 x Outer diameter	Bending radius (fixed)	10 x Outer diameter
	Bending radius (dynamic)	15 x Outer diameter