

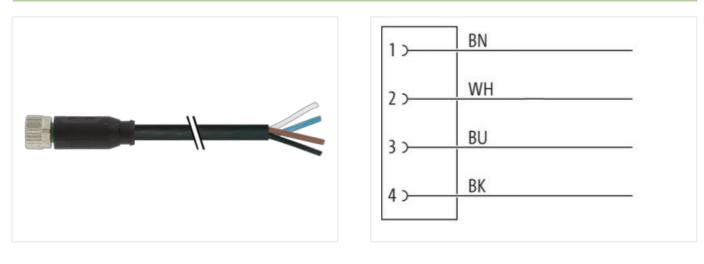
M8 female 0° A-cod. with cable

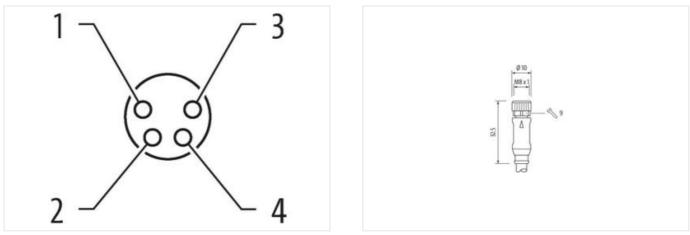
PUR 4x0.25 bk UL/CSA+drag ch. 20m

Female straight M8, 4-pole Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration





Product may differ from Image



20 m

0,4 Nm

Cable length

Side 1

Tightening torque

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-18

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gold plated M8 M8 x 1 6,5 mm A Copper alloy PUR 4 SW9 IP65, IP66K, IP67 20 mm gold plated
M8 x 1 6,5 mm A Copper alloy PUR 4 SW9 IP65, IP66K, IP67 20 mm
6,5 mm A Copper alloy PUR 4 SW9 IP65, IP66K, IP67 20 mm
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SW9 IP65, IP66K, IP67 20 mm
IP65, IP66K, IP67 20 mm
20 mm
aold plated
free cable end
07070010
27279218
27279218
27279218
27060311
27060311
27060311
27060311
EC001855
85444290
4048879229166
1
50 V
60 V
30 V
30 V
4 A
no
0 0
20 mm
M8 x 1
inserted, screwed
3
1,5 kV
Nickeled
nickel plated
FKM
Zinc die-casting
Zinc die-casting
inserted, screwed, Shaking protection

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Operating inspersive min. 45 °C Asstional condition tempersture range depending on cable quality Important installation notes Meeting on cable quality Note on starin nivid Protect the connectors by suitable measures from mechanical loads. og. by the usage of cable loads ondrangered by sociassive bunding forces. Catol on term in protection of the connectors by suitable measures from mechanical loads. og. by the usage of cable loads ondrangered by sociassive bunding forces. Catol on term in protection of the connectors by suitable measures from mechanical loads. og. by the usage of cable loads ondrangered by sociassive bunding forces. Cable for the connectors by suitable measures from mechanical loads. og. by the usage of cable loads ondrangered by sociassive bunding forces. Cable for the connectors by suitable measures from mechanical loads. Cable for the connectors by suitable measures from mechanical loads. Cable for the connectors by suitable measures from mechanical loads. Cable for the connectors by suitable measures from mechanical loads. Cable for the connectors by suitable measures from mechanical loads. Cable for the connectors by suitable measures from mechanical loads. Type of Cable for the started loads. <	Environmental characteristics Climatic	
Additional condition temperature range depending on cable quality Important instillation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fee. Note on stain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fee. Contornity Image: Contornity Product standard DNE N6 10762-104 (MB) Installation (Cable Cable Identification Cable Identification 631 Cable Optimized URus Anount strandard URus Anount strandard URus Anount strandard 91 L Starked Color Uake Cable segint 31 g/m Material jostet PUR Store A Procedor from ingredients (ukota) Additional could utansfer (sheath) 1.5 Six Material globel 9.1 Six Six Toperation could utansfer (sheath) 1.5 Six Additional could utansfer (shea	Operating temperature min.	-25 °C
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Note on bending radius Afteritor: Observe the permitsible bending radii when leying cables, as the IP protection class can be and argured by excessive bending forces. Contornity Product standard DN EN 61076-2-104 (M6) Instaliation (Cable Cable Centification 651 Cable Centification 651 Cable Centification 651 Cable Centification 651 Type of Centificatie cuPRus Stranding 1 Stranding 1 Stranding 4 wires Nvisted We arrangement Drown, black, blue, white Cable veright 36 g in Material jackot PUF Stranding 4 uses twisted Outer diameter (facket) 4.5 mm Outer diameter (facket) 4.5 mm Outer diameter (facket) 4.5 mm Outer diameter insulation 1.5 % mm Outer diameter insulation 1.5 % mm Outer diameter insulation 1.6 % is Str	Important installation notes	
Note the Hold In Judius endangered by excessive bending forces. Carlormity Product standard DIN EN 61078-2-104 (M6) Installation (Cable Cable Type S Gable Type S S Jacket Coor black Content Type of Cartificatio cURus Content Amount stranding 1 Stranding 4 wires kvisted Write arrangement brown, black, blue, white Content Stranding Material jacket 90 B S Shore A Stranding Material jacket PUR Toker and write (radiest) 4 stranding 1 s S Shore A Stranding 4 wires kvisted User-cannet (radiest) 4 S Shore A Stranding Material jacket 9 S Shore A Tokerance outer diameter (sheath) ± 5 % Shore A Stranding Material jacket 9 S Shore A Tokerance outer diameter (sheath) ± 5 % Shore D Shore D Shore D Tokerance outer diameter (sheath) ± 5 % Shore D Shore B Shore B Shore D Shore D <th< td=""><td>Note on strain relief</td><td>Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.</td></th<>	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard DIN EN B1076 2.104 (MB) Installation (Gable Cable identification 6.31 Cable identification 6.31 Cable Type 3 Jacket Color black Dispersion	Note on bending radius	
Installation Cable Cable (denficition 631 Cable Type 3 Cable Type 3 Definition (Denficition) Type of Certificate CURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, bloe, white Cable weigh 33 g/m Material jackat PUR Shore hardness jackat PUR Shore hardness jackat 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmum-free, CPC-free, halogen-free, silicone-free Outer diameter (jackat) 4.5 mm Outer diameter insulation 1.25 mm Outer diameter insulatio	Conformity	
Cable identification 631 Cable Type 3 Jackel Color black Type of Certificate cUFlus Ancurt stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigh 33 g/m Material jacket PUR Share hardness jacket 90 ± 5 Share A Freedom from ingredients (jacket) 4.45 mm Tolerance outer diameter (jacket) 4.5 mm Tolerance outer diameter (sheath) ± 5 % Amount wires 4 Auder diameter tolerance core insulation ± 25 mm Outer diameter tolerance core insulation ± 25 mm Outer diameter tolerance core insulation ± 25 mm Outer diameter tolerance core insulation ± 5 % Share hardness wire insulation 70 ± 5 Share D Ingredient tiseness wire insulation 125 mm Outer diameter tolerance core insulation ± 5 % Share hardness wire insulation 10 ± 5 mm Outer diameter tolerance core insulation ± 5 mm <td< td=""><td>Product standard</td><td>DIN EN 61076-2-104 (M8)</td></td<>	Product standard	DIN EN 61076-2-104 (M8)
Cable Type 3 Jacket Color black Type of Certificate cLRus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable worgth 33 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom Irom ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 4.5 mm Tolarance outer diameter (sheath) ± 5 %. Material wire insulation PP Amount wires 4 Outer diameter fuelexance core insulation 1.25 mm Graduet type (wire) 32 Inameter of algo wires 0.1 mm Conductor type (wire) 0.25 mm ² Material conductor wire Stranded copper wire, bare	Installation Cable	
Cable Type 3 Jacket Color black Type of Certificate cLRus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable worgth 33 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom Irom ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 4.5 mm Tolarance outer diameter (sheath) ± 5 %. Material wire insulation PP Amount wires 4 Outer diameter fuelexance core insulation 1.25 mm Graduet type (wire) 32 Inameter of algo wires 0.1 mm Conductor type (wire) 0.25 mm ² Material conductor wire Stranded copper wire, bare	Cable identification	631
Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Gable weight 33 g m Marerial jackt PUR Store hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-tree, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 4.5 mm Tolerance outer (diameter (sheath) 1.5 % Material jackt PP Amount wires 4 Outer diameter (sheath) 1.25 mm Outer diameter insulation 1.25 mm Ganductor crossection (vire) 0.25 mm² Branefer of single wires 0.1 mm Conductor type (vire) strand class 6 Traversing distance (C-rack) 10 m @ 25 °C (Inorzontal Nominal voltage AC max. 300 V Current load capach		3
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Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weight 33 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (gacket) 4.5 m Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter tolerance core insulation 1.25 m Outer diameter tolerance core insulation 1.25 % Shore hardness wire insulation 1.25 mm Outer diameter tolerance core insulation 1.25 mm Outer diameter tolerance core insulation 1.25 mm Outer diameter diverance 0.1 mm Conductor cossescion (wire) 0.25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) stranded copper wire, bare Conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, bare	Type of Certificate	cURus
wire arangement brown, black, blue, white Cable weigth 33 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4.5 mm Tolerance outer diameter (sheath) ± 5 % Material lavie insulation PP Amount Wres 4 Outer diameter insulation 1.25 mn Outer diameter insulation 1.5 % Shore hardness wire insulation 1.5 mn Outer diameter insulation 1.5 % Shore hardness wire insulation 1.5 fx Shore hardness wire insulation 1.25 mm Outer diameter disenace core insulation 1.25 mm Gouter core section (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0.25 mn² Material conductor wire Stranded copper wire, bare Conductor type (wire) strande class 6 Traversing distance (C+track) 10 m @ 25 °C [horizontal Noninal voltage AC ma	Amount stranding	1
Cable weigh 33 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom trom ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4.5 mm Tolerance outer diameter (jacket) ± 5 % Material wile insulation PP Amount wires 4 Outer diameter insulation 1.25 mm Outer diameter insulation 70 ± 5 Shore D Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 1.25 mm Outer diameter (wire) 32 Diameter of single wires 0.1 mm Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage (wire vire) 2.5 KV @ 60 s Current load capacity min. wire 3.6 A Current load capacity withstand voltage (wire) 2.5 KV @ 60 s Power frequency withstand voltage (wire) 2.5 KV @ 60 s Power frequency withstand voltage (wire) 2.5 KV @ 60 s Power frequency withstand voltage (wire) 2.5 KV @ 60 s Min. operating temperature (fixed) 40 °C Mas. operanang temperature (fixed) <	Stranding	4 wires twisted
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Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,5 mm Tolerance outer diameter (jacket) ± 5 % Material wire insulation PP Amount vires 4 Outer diameter insulation 1.25 mm Conductor and three core insulation 1.25 mm Normal visualition 1ead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0.25 mm² Material conductor wire Stranded cooper wire, bare Conductor type (wire) stranded cooper wire, bare Conductor type (wire) stranded cooper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) <td>Cable weigth</td> <td>33 g/m</td>	Cable weigth	33 g/m
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 4.5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1.25 mm Outer diameter insulation 1.26 mm Ingredient freeness wire insulation 1.26 mm Diameter of single wires 0.1 mm Conductor crossection (wire) 0.25 mm² Material conductor wire Stranded copper wire, bare Conductor tracks 10 m @ 25 °C horizontal Norminal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 028-4 Current load capacity (standard) to DIN VDE 028-4 Current load capacity (standard) to DIN VDE 028-4 Current load capacity (nin, wire 3.6 A Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2.	Material jacket	PUR
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Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3.6 A Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2.5 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2.5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature (static) -25 °C Operating temperature max. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application	Diameter of single wires	0,1 mm
Conductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontalNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing	Conductor crosssection (wire)	·
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Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404		
Oil resistance Good, application-related testing DIN EN 60811-404		
Bending radius (fixed) 5 x Outer diameter	-	
	Bending radius (fixed)	5 x Outer diameter

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-18

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Bending radius (dynamic)	10 x Outer diameter	
Travel speed (C-track)	10 Mio. @ 25 °C	
No. of torsion cycles	2 Mio.	
Torsion stress	± 180 °/m	
Torsion speed	35 cycles/min	