

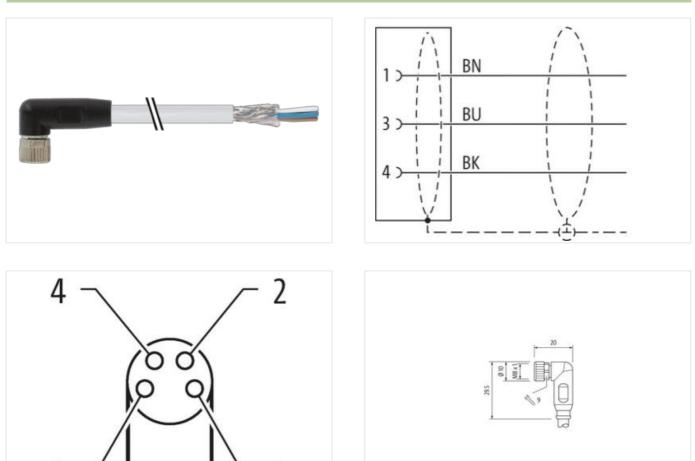
M8 female 90° A-cod. with cable shielded

PUR 3x0.34 shielded gy UL/CSA+drag ch. 5m

Female 90° M8, 3-pole shielded with cable sleeves Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product





Product may differ from Image



5 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: 2024-05-19

Murrelektronik B.V. | Takkebijsters 3 | 4817 BL Breda | Fon 085-22 20 282 | Fax 085-22 20 283 | shop@murrelektronik.nl | shop.murrelektronik.nl



Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Material	PUR
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879422246
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
Installation Connection	
Mounting set	M8 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)	
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max. Additional condition temperature range	85 °C depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-114 (M8)
Installation Cable	

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Cable Type 3 Jacker Color gray Type of Certificate cLPLus Annunt Stranding 1 Stranding Swees Weend Cable shielding (coverage) 80 % Banding Fleese, Foll wite arrangement Drown, black, blue Cable shielding (coverage) 80 % Banding Fleese, Foll wite arrangement Drown, black, blue Cable shielding (coverage) 80 % Banding Fleese, Foll Wite arrangement PUR Shore harringework (coverage) 91 5 Shore A Freedom trom ingrecients (gacket) 5 rm Outer dimmeter (cleant) 5 rm Cable shielding (row in sultation 1.25 rm Outer dimmeter insclation 1.5 % Shore Informs wite insultation 1.5 % Shore Informs wite insultation 1.5 % Durer dimmeter (cleant) 5 % Durer dimarker tolerance core insultation 70.1 5 Shore D Improved in framckers 1.25 mm Candrottor insulation	Cable identification	240
Jacket Color gray Type of Corllicate cpRus Anount stranding 1 Stranding wines twisted Cable shelding (coverage) 80 % Banding Piece, Fol wite atrangement brown, Kack, Alua Cable weight 4 gray Materal jacket PLR Shore handness jacket 9 4 5 Shore A Freedom from ingredients (jacket) lead free, cadmum-free, CFC-free, halogen-free, silicone-free Outer dameter (jacket) 5 mm Toferance outer diameter (splate) 5 % Anount vireis 3 Outer diameter wine insulation PP Anount vireis 3 Outer diameter vie insulation 1.5 % Shore handress wine insulation 1.5 % Shore handress wine insulation 1.5 % Outer diameter vie insulation 1.5 % Shore handress wine insulation 1.5 % Shore handress wine insulation 1.5 % Shore handress wine insulation 1.5 % Shore hanount strands (wine) 0.4 fmm ²	Cable Type	3
Type I Certificate c.IPIus Amount stranding 1 Stranding 0 Cable shelding (type) copper braid, timed Cable shelding (type) 00 y K Banding Floece, Foll wire strangement Drown, black, blue Cable weigh 44 g/m Material jackat PUR Shores hardness jackat 90 4 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Catler dimineter (jacket) 5 % Material jackat 91 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Catler dimeter insulation 1.25 mm Outer dimeter insulation 1.25 mm Cater dimeter insulation 7.15 Shore D Ingredient teneness wire insulation 7.0 Shore D Ingredient teneness wire insulation 7.0 Shore D Ingredient type (wire) 0.24 mm² Canduct trype (wire) 0.24 mm² Canduct trype (wire) 0.24 mm² Canduct type (wire) 0.24 mm² <td></td> <td>grav</td>		grav
Amount stranding 1 Stranding 3 wires wiskladd Cable shelding (type) cooper brail, Linned Cable shelding (type) Book Banding Filesce, Foll wire arrangement brown, black, blue Cable weight 44 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingradients (jacket) be ± 5 Shore A Freedom from ingradients (jacket) 5 m Outer -diameter (jacket) 5 m Outer -diameter (jacket) 5 % Amount wires 3 Outer diameter insulation 1.25 mm Diameter of single wins 0.1 mm Conductor wise section (wire) 42 Diameter insulation 1.25 mm Diameteri	Type of Certificate	
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Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Max. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 30 °/m		
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Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 30 °/m	Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 30 °/m	chemical resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 30 °/m	Gasoline resistance	Good, application-related testing
Bending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 30 °/m	Oil resistance	DIN EN 60811-404 Good, application-related testing
Travel speed (C-track) 5 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 30 °/m	Bending radius (fixed)	5 x Outer diameter
No. of torsion cycles 2 Mio. Torsion stress ± 30 °/m	Bending radius (dynamic)	10 x Outer diameter
Torsion stress ± 30 °/m	Travel speed (C-track)	5 Mio. @ 25 °C
	No. of torsion cycles	2 Mio.
Torsion speed 35 cycles/min	Torsion stress	± 30 °/m
	Torsion speed	35 cycles/min

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: 2024-05-19

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