

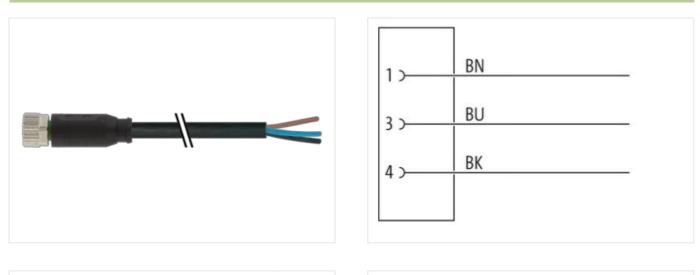
## M8 female 0° A-cod. with cable

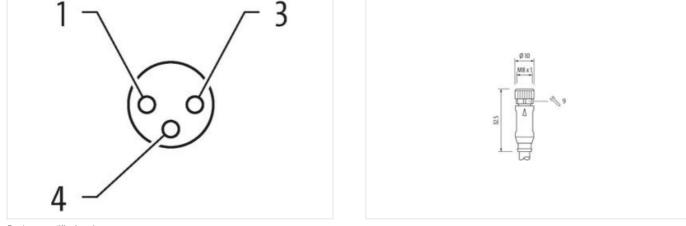
PVC 3x0.25 bk UL/CSA 25m

Female straight M8, 3-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



25 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

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com



Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal $\emptyset$ )	6,5 mm
Cable outlet	straight
Coding	A
Material contact	Copper alloy
Material	PUR
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
Family construction form	free cable end
Commercial data	
	27070010
ECLASS-6.0 ECLASS-6.1	27279218
ECLASS-6.1 ECLASS-7.0	27279218 27279218
ECLASS-7.0 ECLASS-8.0	
ECLASS-9.0	27279218 27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0 ETIM-5.0	27060311
	EC001855
customs tariff number	85444290
GTIN Baskaging unit	4048879230766
Packaging unit	
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
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
Material gasket	FKM
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data   Mounting data	

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Nounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	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 61076-2-104 (M8)
Installation   Cable	
vire arrangement	brown, black, blue
Cable identification	610
Cable Type	1
lacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
vire arrangement	brown, black, blue
Cable weigth	29,37 g/m
Aaterial jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Duter-diameter (jacket)	4,5 mm
olerance outer diameter (sheath)	±5%
Aaterial wire insulation	PVC
Amount wires	3
Duter diameter insulation	1,25 mm
Duter diameter tolerance core insulation	±5%
Shore hardness wire insulation	45 ± 5 Shore D
Naterial properties wire insulation	good machinability
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Aaterial conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Iominal voltage AC max.	300 V
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
C withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - acket)	2 kV @ 60 s
lin. operating temperature (static)	-30 °C
fax. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
JV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
hemical resistance	Good, application-related testing
Basoline resistance	Good, application-related testing

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Oil resistance

Good, application-related testing | DIN EN 60811-404

Bending radius (fixed) Bending radius (dynamic) 5 x Outer diameter 10 x Outer diameter