

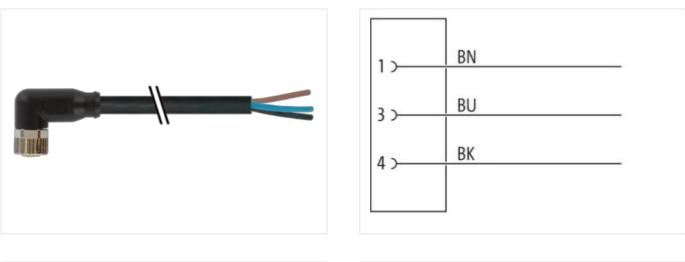
M8 female 90° A-cod. with cable

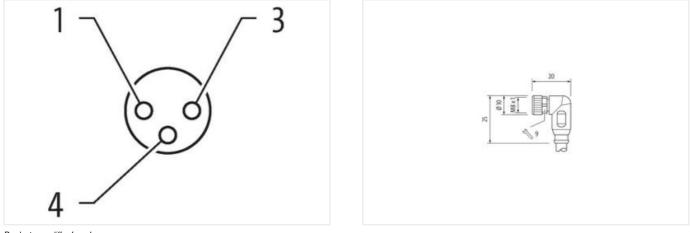
PUR 3x0.34 bk UL/CSA+drag ch. 5m

Female 90° 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



5 m

0,4 Nm

Cable length

Side 1

Tightening torque

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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
Cable outlet	angled
Coding	Α
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	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-0.1	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	4048879228251
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
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)	<u> </u>
Mechanical data Material data	
Coating locking	Nickeled
	nickel plated
Coating of fitting	monor pratou
Coating of fitting Material gasket	EKM
Material gasket	FKM Zinc die-casting
	FKM Zinc die-casting Zinc die-casting

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Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Dperating 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	
Cable identification	633
Cable Type	3
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
vire arrangement	brown, black, blue
Cable weigth	29,7 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
Duter-diameter (jacket)	4.1 mm
olerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	3
Duter diameter insulation	1,25 mm
Duter diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
Aaterial conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Fraversing 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 min. wire	6 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - acket)	2,5 kV @ 60 s
Ain. operating temperature (static)	-40 °C
fax. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Derating temperature min. (dynamic)	-25 °C
Deperating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
JV 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

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Bending radius (fixed)	5 x Outer diameter	
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	

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