

M12 female 0° A-cod. with cable Lite

PVC 5x0.34 bk UL/CSA 10m

Female straight

M12, 5-pole

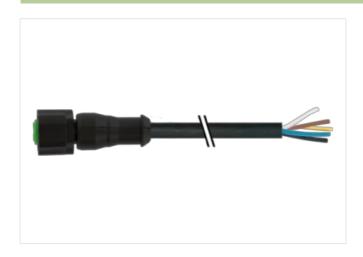
7005 - plastic hexagonal screw (M12 Lite)

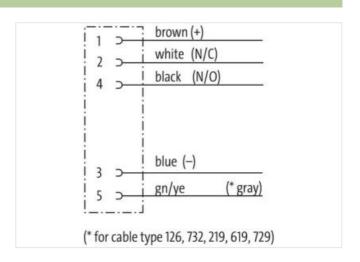
Plastic housings with good resistance against chemicals and oils.

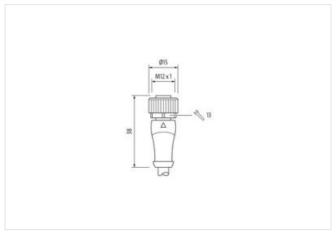
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

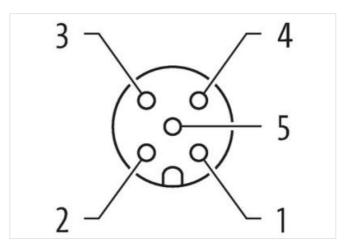
Link to Product

Illustration









Product may differ from Image





Cable length	10 m
Side 1	
Tightening torque	0,6 Nm



stay connected

Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Width across flats	SW13
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	4048879641906
Packaging unit	1
Electrical data Supply	
	405 V
Operating voltage AC max.	125 V
Operating voltage DC max.	125 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V 4 A
Current operating per contact max.	44
Device protection Electrical	
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Material housing	PUR
Locking material	PA
Mechanical data Mounting data	
Mounting 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 61076-2-101 (M12)
Installation Cable	
wire arrangement	brown, black, blue, white, gray
Cable identification	619
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1

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: 2024-05-20

Electrical resistance line constant wire

Power frequency withstand voltage (wire -

AC withstand voltage (wire - wire)

Min. operating temperature (static)

Max. operating temperature (fixed)

UV resistance

Oil resistance

Flame resistance chemical resistance

Gasoline resistance

Bending radius (fixed)

Bending radius (dynamic)

Operating temperature min. (dynamic)

Operating temperature max. (dynamic)



Stranding	5 wires around Core filler twisted
Filler	yes
wire arrangement	brown, black, blue, white, gray
Cable weigth	48,4 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,2 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A

57 Ω/km @ 20 °C

DIN EN ISO 4892-2 A

5 x Outer diameter

10 x Outer diameter

Good, application-related testing

Good, application-related testing

UL 1581 § 1090 | UL 1581 § 1100 FT2 | IEC 60332-2-2

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

2 kV @ 60 s

2 kV @ 60 s

-30 °C

80 °C

-5 °C

80 °C