

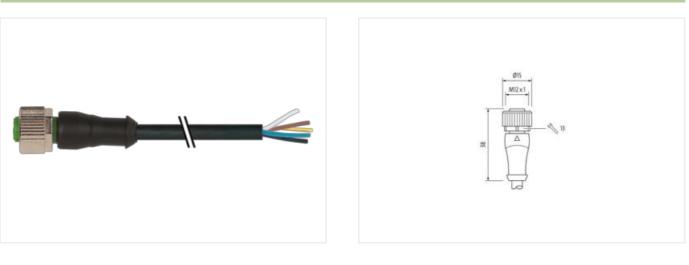
M12 female 0° A-cod. with cable

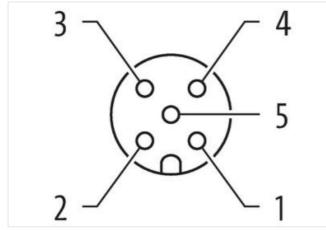
PVC 5x0.34 bk UL/CSA 0.4m

Female straight M12, 5-pole A-coded Art-No. 7005 - M12 Lite - (plastic hexagonal screw) 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. Further cable lengths on request.

Link to Product

Illustration





1)—	BN	
2 >	WH	
3 >	BU	
4 >	ВК	
5 >	GN YE	

Product may differ from Image



Cable length

Side 1

Tightening torque

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0,4 m

0,6 Nm



Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Cable outlet	straight
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	5
Width across flats	SW13
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-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	4048879565431
Packaging unit	1
Electrical data Supply	
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
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Installation Connection	
Stripping length (jacket)	20 mm
Mounting set	M12 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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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	
vire arrangement	brown, black, blue, white, green-yellow
Cable identification	615
Cable Type	1
lacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Tiller	yes
vire arrangement	brown, black, blue, white, green-yellow
Cable weigth	48,4 g/m
Aaterial jacket	PVC
hore hardness jacket	85 ± 5 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Duter-diameter (jacket)	5,2 mm
olerance outer diameter (sheath)	±5%
laterial wire insulation	PVC
mount wires	5
Duter diameter insulation	1.25 mm
Outer diameter tolerance core insulation	±5%
	± 5 % 45 ± 5 Shore D
Shore hardness wire insulation	
Naterial properties wire insulation	good machinability lead-free, cadmium-free, CFC-free, silicone-free
ngredient freeness wire insulation	
Amount strands (wire)	19 0.15 mm
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm²
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	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - acket)	2 kV @ 60 s
lin. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Dperating temperature max. (dynamic)	80 °C
JV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
hemical resistance	Good, application-related testing

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Gasoline 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	

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