

M12 female 0° A-cod. with cable

PVC 12x0.14 bk 25m

Female straight

M12, 12-pole

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

with cable sleeves

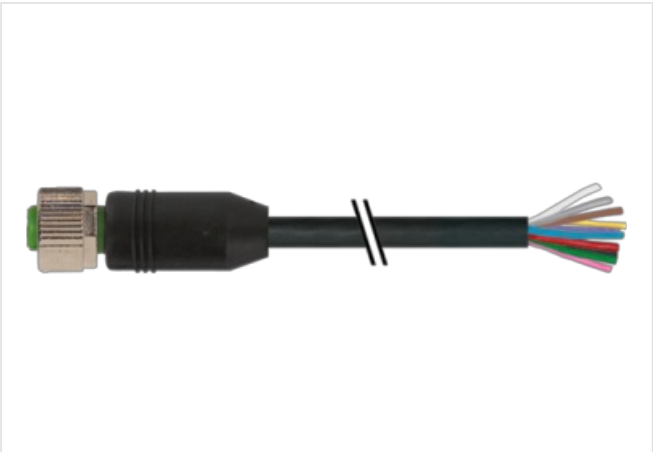
Plastic housings with good resistance against chemicals and oils.

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

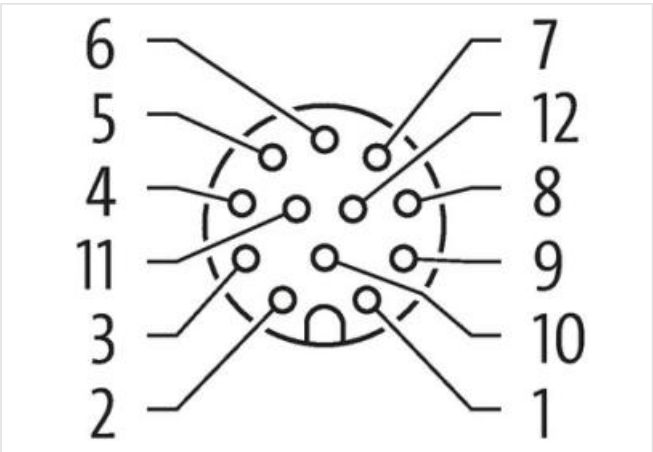
Further cable lengths on request.

Linkki tuotteeseen

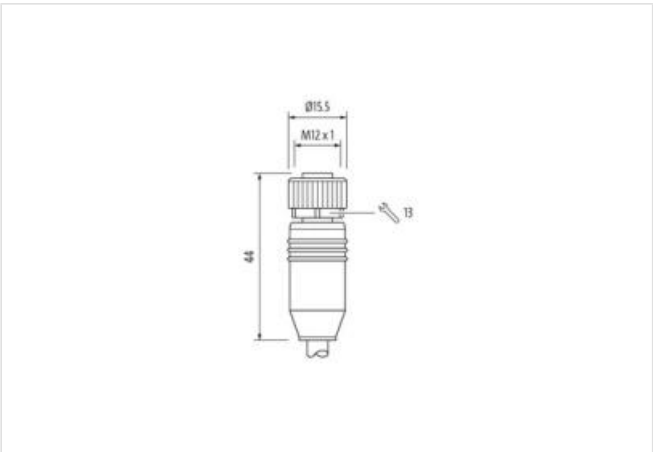
Kuvat



1	BN
2	BU
3	WH
4	GN
5	PK
6	YE
7	BK
8	GY
9	RD
10	VT
11	GY PK
12	RD BU



Tuote voi erota kuvassa olevasta



Cable length 25 m

Side 1

Tightening torque 0,6 Nm

Mounting method	inserted, screwed
Family construction form	M12
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67

Kaupalliset tiedot

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
GTIN	4048879323994
Pakkauskoko	1
Tullinumero	85444290

Electrical data | Supply

Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Current operating per contact max.	1,5 A

Installation | Connection

Mounting set	M12 x 1
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Device protection | Electrical

Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I

Mechanical data

Contour for corrugated hose	without
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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
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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)
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Installation | Cable

Cable identification	702
Jacket Color	black
Amount stranding	1
Stranding	3 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	9 wires around Stranding combination twisted
Banding	Fleece
wire arrangement	gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue
Cable weighth	55 g/m
Material jacket	PVC
Shore hardness jacket	75 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Outer-diameter (jacket)	6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	12
Outer diameter insulation	1 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	85 ± 5 Shore A
Ingredient freeness wire insulation	cadmium-free, CFC-free, silicone-free
Amount strands (wire)	18
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,14 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity min. wire	2 A
Electrical resistance line constant wire	138 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	1,5 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 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 (dynamic)	10 x Outer diameter