

## M12 female 0° A-cod. with cable

PUR 8x0.34 bk UL/CSA+drag ch. 5m

Female straight

M12, 8-pole

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

with cable sleeves

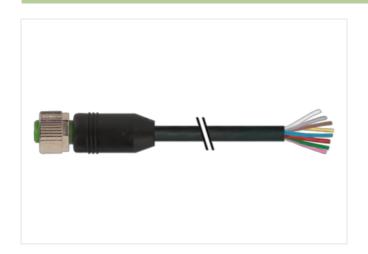
Plastic housings with good resistance against chemicals and oils.

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

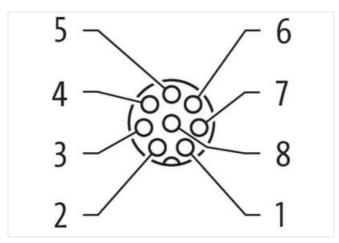
Further cable lengths on request.

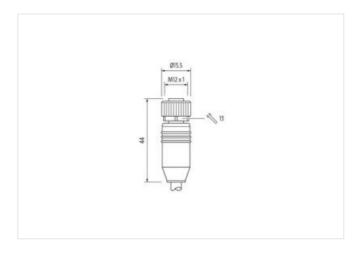
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

5 m

Side 1

Tightening torque

0,6 Nm

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



stay connected

Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
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	4048879637787
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	2 A
Installation   Connection	
Mounting set	M12 x 1
Device protection   Electrical	MIL X I
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	
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
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.
Installation   Cable	
wire arrangement	brown, white, red, blue, pink, gray, yellow, green
	,,,,,,,,,, -
Cable identification	664



## stay connected

black
cURus
1
8 wires around Core filler twisted
yes
brown, white, red, blue, pink, gray, yellow, green
64,9 g/m
PUR
90 ± 5 Shore A
lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
6,9 mm
± 5 %
PP
8
1,45 mm
± 5 %
65 ± 5 Shore D
lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
42
0,1 mm
0,34 mm²
Stranded copper wire, bare
strand class 6
600 V
to DIN VDE 0298-4
4 A
60 Ω/km @ 20 °C
6 kV @ 60 s
6 kV @ 60 s
-40 °C
90 °C
-25 °C
90 °C
DIN EN ISO 4892-2 A
UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
Good, application-related testing
Good, application-related testing
DIN EN 60811-404   Good, application-related testing
5 x Outer diameter
10 x Outer diameter
5 Mio. @ 25 °C
5 m @ 25 °C   horizontal
3,3 m/s @ 25 °C
2 Mio.
± 180 °/m