

M12 female 0° A-cod. with cable

PVC 4x0.34 ye UL/CSA 5m

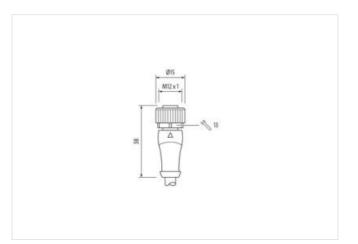
Female straight M12, 4-pole with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

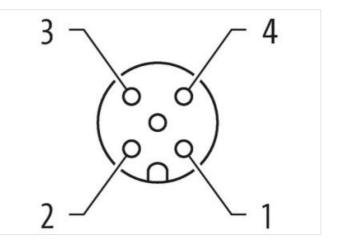
Link to Product

Illustration









Product may differ from Image



Cable length	5 m	
Side 1		
Tightening torque	0,6 Nm	

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Mounting method	inserted, screwed
amily construction form	M12
Thread	M12 x 1
uitable for corrugated tube (internal Ø)	10 mm
Coding	A
<i>N</i> aterial	PUR
Vidth across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
CLASS-6.0	27279218
CLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
CLASS-10.1	27060311
ECLASS-11.1	27060311
CLASS-12.0	27060311
TIM-5.0	EC001855
ustoms tariff number	85444290
TIN	4048879213318
ackaging unit	1
Electrical data Supply	
Operating voltage AC max.	250 V
perating voltage DC max.	250 V
perating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
current operating per contact max.	4 A
Installation Connection	
lounting set	M12 x 1
Device protection Electrical	
dditional condition protection degree	inserted, screwed
Pollution Degree	3
ated surge voltage	2,5 kV
Naterial group (IEC 60664-1)	I
Mechanical data Material data	
coating locking	Nickeled
coating of fitting	nickel plated
ocking material	Zinc die-casting
laterial screw connection	Zinc die-casting
Mechanical data Mounting data	
lounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
dditional condition temperature range	depending on cable quality
Important installation notes	
lote 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	

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Installation | Cable

Installation Cable	
wire arrangement	brown, black, blue, white
Cable identification	014
Cable Type	1
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	40,7 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 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	4
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 mm²
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	4,8 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 - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° 08
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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