

M12 male 0° A-cod. with cable shielded

PUR 5x0.34 shielded gy 1.5m

Male straight M12, 5-pole shielded

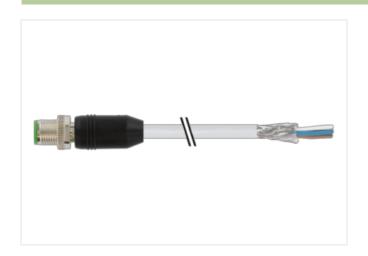
with cable sleeves

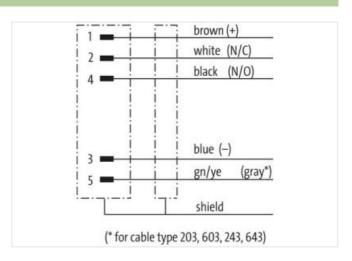
Plastic housings with good resistance against chemicals and oils.

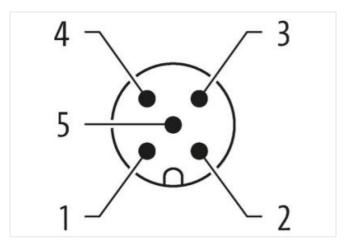
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

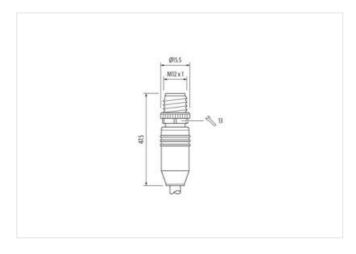
Link to Product

Illustration









Product may differ from Image









Cable length

1,5 m

Side 1

Tightening torque

0,6 Nm

The information in this Product-PDF has been compiled with the utmost care.

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Manuelland	Second consequences
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form Thread	M12 M12 x 1
Coding Material contact	A Conner alley
Material Contact	Copper alloy PUR
	5
No. of poles Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	11 00, 11 0011, 11 07
	20 mm
Stripping length (jacket) Coating contact	gold plated
	gold plated
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	4048879507714
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 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	insertea, screwea 3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	۱,۵ ۳۷
Mechanical data	
	without
Contour for corrugated hose	without
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

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Operating temperature max.	depending on eable quality
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	
Cable identification	346
Jacket Color	gray
Amount stranding	1
Stranding	5 wires around Core filler twisted
Stranding factor min.	70 mm
Stranding factor max.	70 mm
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	yes
wire arrangement	brown, black, blue, white, gray
Cable weigth	64,9 g/m
Material jacket	PUR
Shore hardness jacket	85 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	90 Shore A
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-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
Max. rated voltage (conductor - conductor)	500 V
Max. rated voltage (conductor - conductor)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity (standard) Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	4,5 A 53 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	1,5 kV @ 60 s
AC withstand voltage (wire - whe) AC withstand voltage (wire - shield)	1,2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (static)	80 °C
Operating temperature (fixed)	-10 °C
Operating temperature min. (dynamic) Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing



Bending radius (fixed) x Outer diameter

Bending radius (dynamic) 15 x Outer diameter