

M12 female 90° A-cod. with cable shielded

PVC 5x0.34 shielded gy 10m

Female 90° M12, 5-pole shielded

with cable sleeves

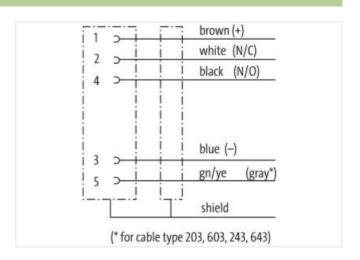
Plastic housings with good resistance against chemicals and oils.

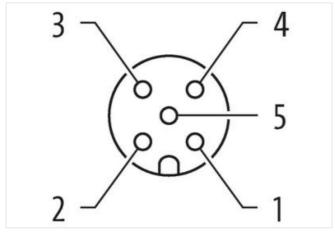
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

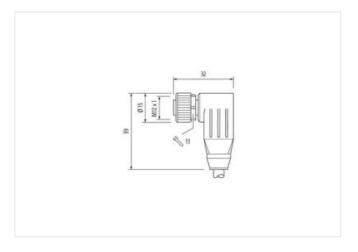
Link to Product

Illustration









Product may differ from Image











Cable length

10 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: 2024-04-26



Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	Α
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
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	4048879198950
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
	110
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)	I
Mechanical data	
Contour for corrugated hose	without
Mechanical data Material data	
Coating locking	Nickeled
0 8 650	

Mechanical data | Mounting data

Coating of fitting

Material gasket

Locking material

Material screw connection

Mounting method inserted, screwed, Shaking protection

nickel plated

Zinc die-casting

Zinc die-casting

FKM

Environmental characteristics | Climatic



stay	connected

Operating temperature min.	-25 °C	
Operating temperature max.	85 °C	
Additional condition temperature range	depending on cable quality	
Conformity		
Product standard	DIN EN 61076-2-101 (M12)	
Installation Cable		
	040	
Cable identification	348	
Jacket Color	gray	
Amount stranding	1	
Stranding	5 wires around Core filler twisted	
Stranding factor min.	75 mm	
Stranding factor max.	75 mm	
Cable shielding (type)	copper braid, tinned	
Cable shielding (coverage)	85 %	
Banding	Foil	
Filler	yes	
wire arrangement	brown, black, blue, white, green-yellow	
Cable weigth	72,05 g/m	
Material jacket	PVC	
Shore hardness jacket	75 Shore A	
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-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	85 Shore A	
Ingredient freeness wire insulation		
Amount strands (wire)	lead-free, CFC-free 42	
()		
Diameter of single wires	0,1 mm	
Conductor crosssection (wire)	0,34 mm ²	
Material conductor wire	Stranded copper wire, bare	
Conductor type (wire)	strand class 6	
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	
Max. rated voltage power (conductor - ground)	300 V	
Max. rated voltage power (conductor - conductor)	500 V	
AC withstand voltage power (wire - shield)	1,5 kV @ 60 s	
Power frequency withstand voltage power (wire - jacket)	1,5 kV @ 60 s	
AC withstand voltage power (wire - wire)	1,5 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)	70 °C	
	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2	
Flame resistance		
chemical resistance	Good, application-related testing	