

M12 male 90° A-cod. with cable shielded

PUR 4x0.34 shielded gy UL/CSA 5m

⚠ NOTICE ⚠

PRODUCT WILL BE DISCONTINUED BY JUNE 2023. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS. Male 90°

M12, 4-pole

shielded

A-coded

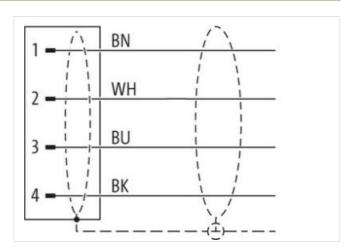
Plastic housings with good resistance against chemicals and oils.

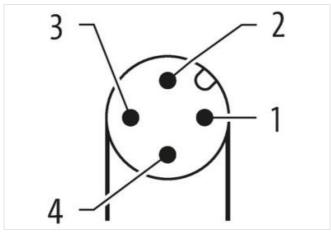
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

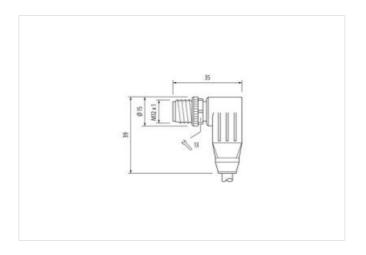
Link to Product

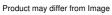
Illustration

























Cable length 5 m Side 1 Tightening torque 0,6 Nm 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 4 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-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 FCLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879322225 Packaging unit Electrical data | Supply Operating voltage AC max. 60 V Operating voltage DC max. 60 V 30 V Operating voltage AC (UL-listed) Operating voltage DC (UL-listed) 30 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 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) Mechanical data | Material data Coating locking Nickeled Coating of fitting nickel plated Zinc die-casting Locking material 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
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	205
Jacket Color	335
	gray cURus
Type of Certificate Amount stranding	1
Stranding Cable objection (type)	4 wires twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
wire arrangement	brown, black, blue, white
Cable weigth	56,1 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 3 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,55 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	72 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
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	52 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 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