

M12 male 0° A-cod. with cable shielded

PUR 4x0.34 shielded gy UL/CSA 20m

⚠ NOTICE ⚠

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

Male straight

M12, 4-pole

A-coded

shielded

Plastic housings with good resistance against chemicals and oils.

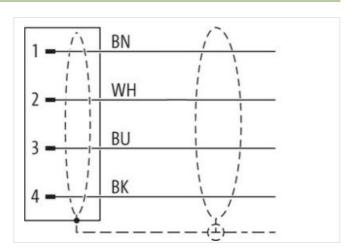
The resistance to aggressive media should be individually tested for your application. Further details on request.

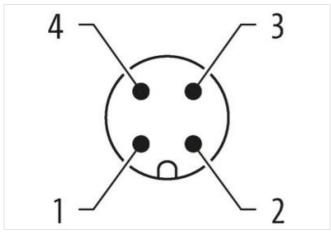
Further cable lengths on request.

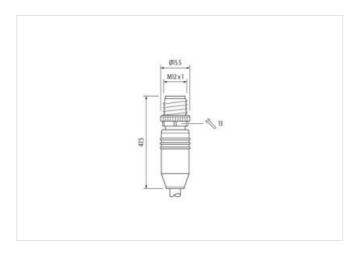
Link to Product

Illustration









Product may differ from Image















20 m Cable length 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 4048879201179 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

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

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



stay connected

Mounting method

inserted, screwed, Shaking protection

	05.00
perating temperature min.	-25 °C
perating temperature max.	85 °C
dditional condition temperature range	depending on cable quality
mportant installation notes	
ote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
ote 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	
roduct standard	DIN EN 61076-2-101 (M12)
nstallation Cable	
able identification	335
acket Color	gray
ype of Certificate	cURus
mount stranding	1
tranding	4 wires twisted
able shielding (type)	copper braid, tinned
able shielding (type)	85 %
anding	Fleece, Foil
rire arrangement	brown, black, blue, white
able weigth	56,1 g/m
laterial jacket	PUR
hore hardness jacket	85 ± 3 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
outer-diameter (jacket)	5,9 mm
olerance outer diameter (sheath)	± 5 %
laterial wire insulation	PP
mount wires	4
outer diameter insulation	1,55 mm
outer diameter tolerance core insulation	±5%
hore hardness wire insulation	72 ± 3 Shore D
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
mount strands (wire)	42
iameter of single wires	0,1 mm
conductor crosssection (wire)	0,34 mm²
laterial conductor wire	Stranded copper wire, bare
conductor type (wire)	strand class 6
lominal voltage AC max.	300 V
current load capacity (standard)	to DIN VDE 0298-4
surrent load capacity min. wire	4.8 A
lectrical resistance line constant wire	52 Ω/km @ 20 °C
C withstand voltage (wire - wire)	2 kV @ 60 s
ower frequency withstand voltage (wire -	2 kV @ 60 s
lin. operating temperature (static)	-40 °C
lax. operating temperature (fixed)	80 °C
perating temperature min. (dynamic)	-20 °C
perating temperature max. (dynamic)	80 °C
lame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
hemical resistance	
	Good, application-related testing
asoline resistance	Good, application-related testing



Oil resistance DIN EN 60811-404 | Good, application-related testing

Bending radius (dynamic)

10 x Outer diameter