

M12 female 0° A-cod. with cable shielded

PUR 5x0.34 shielded gy UL/CSA+drag ch. 10m

M12, 5-pole Female straight shielded

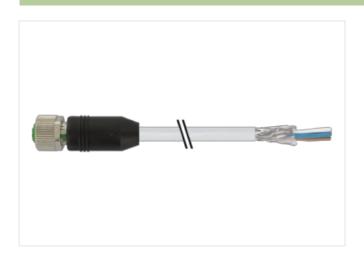
with cable sleeves

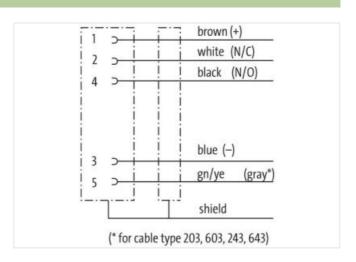
Plastic housings with good resistance against chemicals and oils.

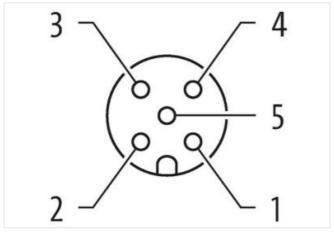
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

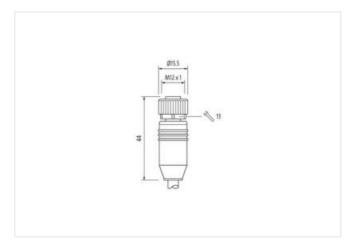
Link to Product

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.

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stay connected

Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65. IP66K, IP67
	11 00, 11 0011, 11 07
Side 2	
Stripping length (jacket)	20 mm
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	4048879434133
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation Connection	
Stripping length (jacket)	20 mm
Mounting set	M12 x 1
Gender	female
Device protection Electrical	
•	·
Additional condition protection degree	inserted, screwed
Pollution Degree Rated surge voltage	3 1,5 kV
Material group (IEC 60664-1)	1,5 KV
	<u>'</u>
Mechanical data	
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
Operating temperature max.	85 °C
Additional 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.
lote 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)
Installation Cable	
cable identification	243
Cable Type	3
acket Color	gray
ype of Certificate	cURus
mount stranding	1
tranding	5 wires around Core filler twisted
cable shielding (type)	copper braid, tinned
cable shielding (coverage)	80 %
anding	Fleece, Foil
iller	
rire arrangement	yes brown, black, blue, white, gray
Cable weigth	57,2 g/m
Naterial jacket	PUR
•	90 ± 5 Shore A
hore hardness jacket reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5,6 mm
olerance outer diameter (sheath)	± 5 %
faterial wire insulation	PP
mount wires	5
Outer diameter insulation	1.25 mm
	*
Outer diameter tolerance core insulation	± 5 % 70 ± 5 Shore D
thore hardness wire insulation	
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 42
mount strands (wire)	
viameter of single wires	0,1 mm
Conductor crosssection (wire) Material conductor wire	0,34 mm² Stranded copper wire, bare
	strand class 6
conductor type (wire)	
raversing distance (C-track) Iominal voltage AC max.	5 m @ 25 °C horizontal
Current load capacity (standard) Current load capacity min. wire	to DIN VDE 0298-4
<u> </u>	4,5 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C 2 kV @ 60 s
C withstand voltage (wire - wire) ower frequency withstand voltage (wire -	2 kV @ 60 s
C withstand voltage (wire - shield)	2 kV @ 60 s
lin. operating temperature (static)	-40 °C
lax. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
perating temperature (inced)	-25 °C
perating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
lame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
hemical resistance	Good, application-related testing
	GOOD ADDUCATION-related testing
Sasoline resistance	Good, application-related testing Good, application-related testing DIN EN 60811-404
assoline resistance bil resistance	Good, application-related testing DIN EN 60811-404
Sasoline resistance	

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No. of torsion cycles	2 Mio.	
Torsion stress	± 30 °/m	
Torsion speed	35 cycles/min	