

M12 male 0° A-cod. with cable shielded

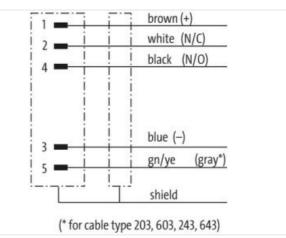
PUR 5x0.34 shielded gy UL/CSA+drag ch. 15m

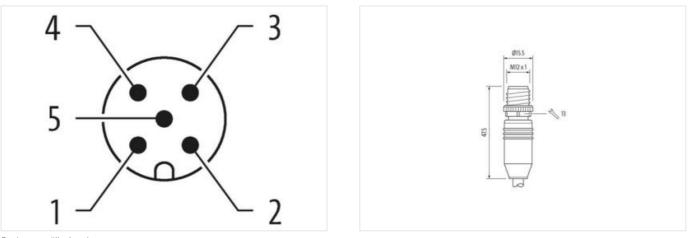
Male straight M12, 5-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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15 m

0,6 Nm



Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
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	goto pixico
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 ETIM-5.0	27060311 EC001855
customs tariff number GTIN	85444290 4048879571432
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 4 A
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	
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	
	inserted, screwed, Shaking protection
Mounting method	······································



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.
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	
	hrown block blue white arou
vire arrangement Cable identification	brown, black, blue, white, gray 243
Cable Type	3
Jacket Color	
Type of Certificate	gray cURus
Amount stranding	
Stranding	i 5 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (type)	80 %
Sanding	80 % Fleece, Foil
Filler	
vire arrangement	yes brown, black, blue, white, gray
Cable weigth	
Aaterial jacket	57,2 g/m PUR
Shore hardness jacket	90 ± 5 Shore A
reedom from ingredients (jacket)	
	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Duter-diameter (jacket) Folerance outer diameter (sheath)	5,6 mm ± 5 %
. ,	PP
Material wire insulation	5
Amount wires Duter diameter insulation	
	1,25 mm ± 5 %
Duter diameter tolerance core insulation	± 5 % 70 ± 5 Shore D
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm 0.34 mm ²
Conductor crosssection (wire) Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	
	strand class 6 300 V
Nominal voltage AC max. Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A 57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - wire)	-
acket)	2 kV @ 60 s
C withstand voltage (wire - shield)	2 kV @ 60 s
fin. operating temperature (static)	-40 °C
fax. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
hemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing

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Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min

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