

M12 male 0° A-cod. with cable shielded

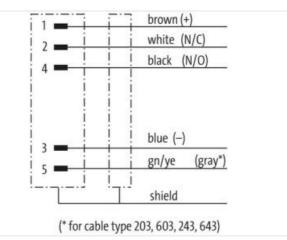
PVC 5x0.34 shielded gy 30m

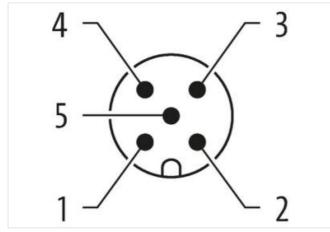
Male straight M12, 5-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

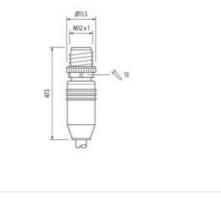
Link to Product

Illustration









Product may differ from Image



Cable length

30 m

Side 1 Tightening torque

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: 2024-05-21

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com

0,6 Nm



Mounting method	inserted, screwed
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	
ECLASS-6.0	27279218
ECLASS-6.1	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	4048879694506
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
Installation Connection	
Stripping length (jacket)	20 mm
Mounting set	20 mm 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	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	

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: 2024-05-21



Operating temperature min.	-25 °C
Operating temperature max.	85 °C
dditional 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	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
vire arrangement	brown, black, blue, white, green-yellow
Cable identification	348
acket Color	gray
Amount stranding	1
Stranding	5 wires around Core filler twisted
tranding factor min.	75 mm
Stranding factor max.	75 mm
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Foil
iller	yes
rire arrangement	brown, black, blue, white, green-yellow
able weigth	72,05 g/m
laterial jacket	PVC
hore hardness jacket	75 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Duter-diameter (jacket)	5,9 mm
olerance outer diameter (sheath)	±5%
faterial wire insulation	PVC
mount wires	5
Duter diameter insulation	1,4 mm
Duter diameter tolerance core insulation	±5%
Shore hardness wire insulation	85 Shore A
ngredient freeness wire insulation	lead-free, CFC-free
mount strands (wire)	42
iameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
faterial conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
lax. rated voltage (conductor - conductor)	500 V
ax. rated voltage (conductor - ground)	300 V
current load capacity (standard)	to DIN VDE 0298-4
urrent load capacity min. wire	4,8 A
lectrical resistance line constant wire	57 Ω/km @ 20 °C
C withstand voltage (wire - wire)	1,5 kV @ 60 s
ower frequency withstand voltage (wire - cket)	1,5 kV @ 60 s
C withstand voltage (wire - shield)	1,5 kV @ 60 s
lin. operating temperature (static)	-30 °C
fax. operating temperature (fixed)	80 °C
Derating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	70 °C
lame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
hemical resistance	Good, application-related testing

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: 2024-05-21

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com



Gasoline resistance

Oil resistance

Good, application-related testing

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

Bending radius (dynamic)

15 x Outer diameter

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: 2024-05-21

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com