

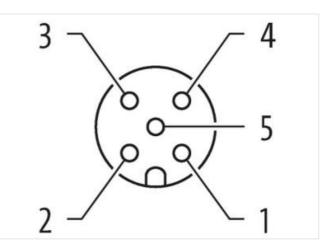
## M12 male 0° / M12 female 0° A-cod. shielded

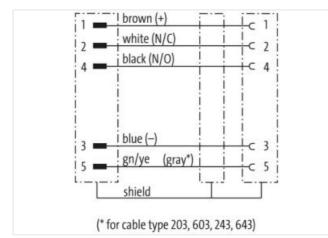
PVC 5x0.34 shielded gy 1.5m

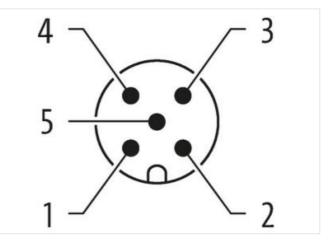
Male straight – female straight M12 – M12, 5-pole A-coded shielded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product



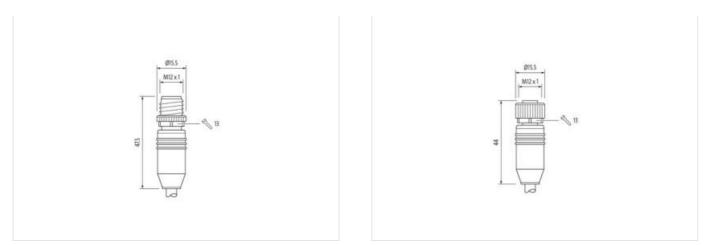






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Product may differ from Image



Cable length	1,5 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	5	
Width across flats	SW13	
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67	
Side 2		
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	5	
Width across flats	SW13	
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	

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GTIN   4048879165341     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   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)   I   Mechanical data   Mithout     Mechanical data   Material data   Coating locking   Nickeled   Coating locking   Nickeled     Coating locking   Nickeled   Zinc die-casting   Material gasket   FKM   Locking material   Zinc die-casting     Material gasket   FKM   Locking material   Zinc die-casting   Material gasket   FKM     Locking material   Mounting data   Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.   -25 °C   Operating temperature max.	
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Material gasket FKM   Locking material Zinc die-casting   Material screw connection Zinc die-casting   Mechanical data   Mounting data Mounting method   Mounting method inserted, screwed, Shaking protection   Environmental characteristics   Climatic -25 °C	
Material screw connection Zinc die-casting   Mechanical data   Mounting data inserted, screwed, Shaking protection   Mounting method inserted, screwed, Shaking protection   Environmental characteristics   Climatic -25 °C	
Mechanical data   Mounting data     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic     Operating temperature min.   -25 °C	
Mounting method inserted, screwed, Shaking protection   Environmental characteristics   Climatic   Operating temperature min.   -25 °C	
Environmental characteristics   Climatic   Operating temperature min. -25 °C	
Operating temperature min25 °C	
Operating temperature max. 85 °C	
Additional condition temperature range depending on cable quality	
Important installation notes	
Note 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 vendangered by excessive bending forces.	when laying cables, as the IP protection class can be
Conformity	
Product standard DIN EN 61076-2-101 (M12)	
Installation   Cable	
Cable identification 348	
Jacket Color gray	
Amount stranding 1	
Stranding 5 wires around Core filler twisted	
Stranding factor min. 75 mm	
Stranding factor max. 75 mm	
Cable shielding (type) copper braid, tinned	
Cable shielding (coverage) 85 %	
Banding Foil	
Filler yes	
wire arrangement brown, black, blue, white, green-yellow	
Cable weigth 72,05 g/m	
Material jacket PVC	

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Shore hardness jacket	75 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	85 Shore A
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Max. rated voltage (conductor - conductor)	500 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	1,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	1,5 kV @ 60 s
AC withstand voltage (wire - shield)	1,5 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (dynamic)	15 x Outer diameter

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