M12 male recept. A-cod. front incl. nut

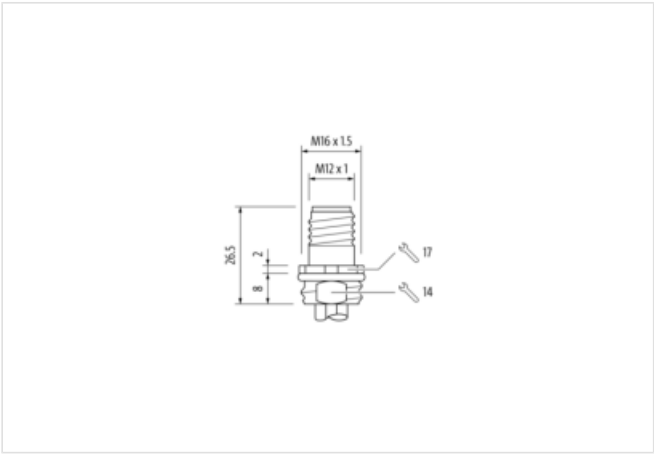
PUR-wires 4x0.34 2m

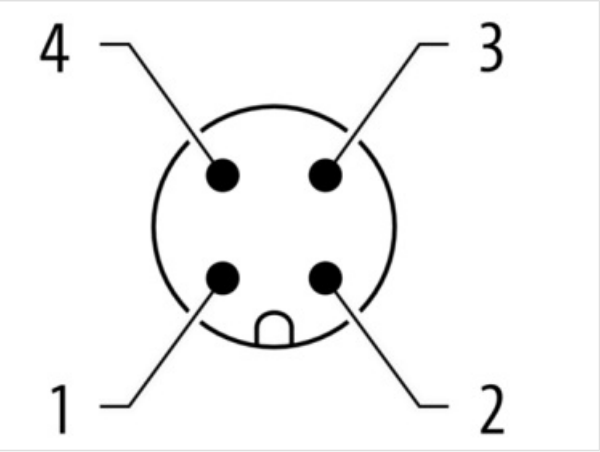
Art.No.: 7000-13502-9710200
Weight: 0.084 kg
Country of origin: DE
Model designation: MSAFV-T971_2.0

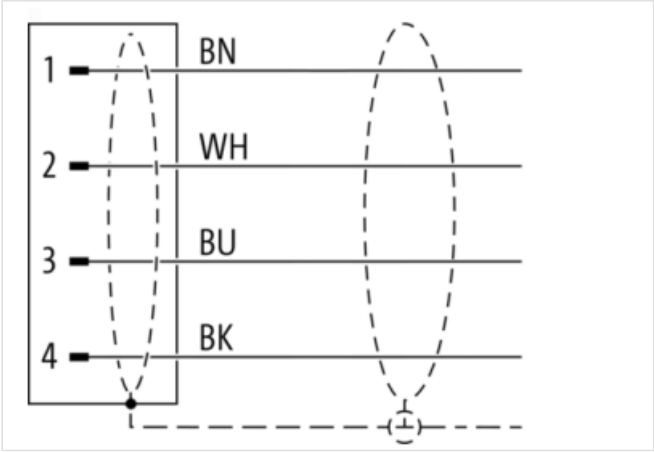
Flange male
M12, 4-pole
Front mounting
with multi-strand wire
Further cable lengths on request.
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration







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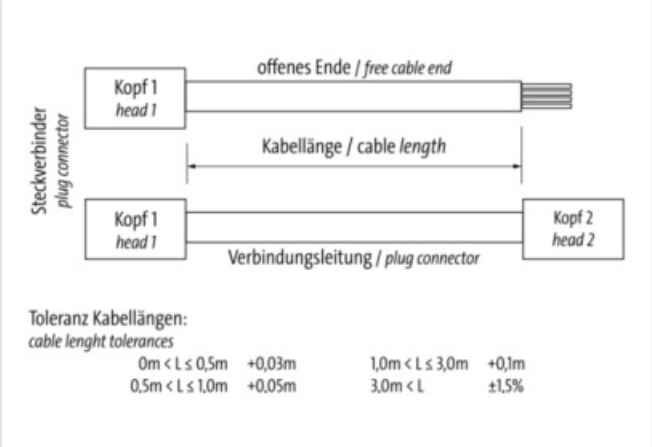

Product may differ from Image

Cable length	2,00 m
Side 1	
Family construction form	M12
No. of poles	4
Coding	A
Gender	male
Mounting method	inserted, screwed
Threaded hole	M12 x 1
Tightening torque	0,6 Nm
Material	Zinc die-casting
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-13502-9710200
EU-Customs tariff number	85444290
US-Customs tariff number	8544429090
ETIM-9.0	EC001855
ETIM-10.0	EC001855
customs tariff number	85444290
EAN	4048879850520
Packaging unit	1
Electrical data	
Conductor resistance (wire)	58 Ω/km @ 20 °C
Electrical data | Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Current operating per contact max.	4 A
Nominal voltage AC max.	300 V
Diagnostics	
Status indication LED	No
Installation | Connection	

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Mounting set	M16 x 1.5
Width across flats	SW19
Device protection | Electrical	
Protection NEMA	6P, 4, 3
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Rated surge voltage	2,5 kV
Isolation resistance	20 MΩ × km
Withstand voltage (wire - wire)	1.5 kV @ 60 s
Material group (IEC 60664-1)	I
Mechanical data	
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Contour for corrugated hose	without
Mechanical data | Material data	
Coating housing	nickel plated
Screw connection	Zinc die-casting
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Coating locking	Nickeled
Material wire insulation	PUR
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Material conductor wire	copper stranded wire, tinned
Mechanical data | Mounting data	
Mounting method	Schraubgewinde
Looking techniques	Schraubgewinde
Cable weigth	4,4 g/m
Environmental characteristics | Climatic	
Operating temperature min.	-30 °C
Operating temperature max.	85 °C
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	-40 °C … 90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	-25 °C … 90 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
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.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Conformity	
Product standard	EN IEC 61076-2-101 (M12)
Approvals	
UL 50E	Yes
Resistances | Cable	
Cable identification	971
Cable weigth	33 g/m
Stranding	1 × 4 wires stranded
Wire arrangement	BN, WH, BU, BK
Material wire insulation	PUR

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Amount wires	4
Outer diameter insulation	1.3 mm ± 0.1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	copper stranded wire, tinned
Core construction (wire)	19 × 0.15 mm
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Conductor resistance (wire)	58 Ω/km @ 20 °C
Nominal voltage max.	300 V
Withstand voltage (wire - wire)	1.5 kV @ 60 s
Current load capacity max. (wire)	4,8 A
Current load capacity (standard)	to DIN VDE 0298-4
Isolation resistance	20 MΩ × km
Operating temperature (static)	-40 °C … 90 °C
Operating temperature (dynamic)	-25 °C … 90 °C
Flame resistance	IEC 60332-1-2
Oil resistance	IEC 60811-404
Other resistances	resistant to hydrolysis, resistant to microbes
Notes	application-related testing

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