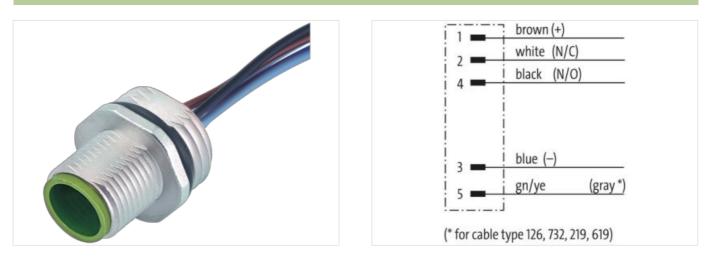**MURR ELEKTRONIK**

stay connected
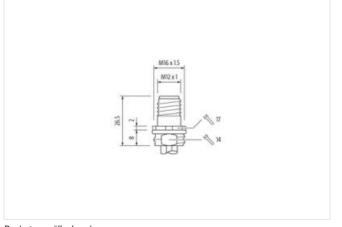
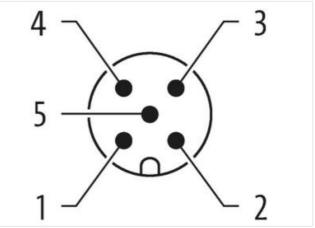## M12 male recept. A-cod. front

PP-wires 5x0.34 1m

Flange male
M12, 5-pole
Front mounting
with multi-strand wire

Link to Product

Illustration

1	brown (+)
2	white (N/C)
4	black (N/O)
3	blue (–)
5	gn/ye (gray *)

(* for cable type 126, 732, 219, 619)

Product may differ from Image

CE UKCA UL EAC E

Cable length	1 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12

Thread	M12 x 1
Coding	A
Material	Zinc die-casting
No. of poles	5
Width across flats	SW14
Degree of protection (EN IEC 60529)	IP67

Commercial data	
ECLASS-6.0	27279220
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-8.0	27440103
ECLASS-9.0	27440103
ECLASS-10.1	27440103
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879311342
Packaging unit	1

Electrical data | Supply	
Operating voltage AC max.	125 V
Operating voltage DC max.	125 V
Current operating per contact max.	4 A

Installation | Connection	
Mounting set	M16 x 1.5

Installation | Pin assignment	
Configuration	fully used

Device protection | Electrical	
Protection NEMA	3, 4, 6P
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I

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	Schraubgewinde
Looking techniques	Schraubgewinde

Environmental characteristics | Climatic	
Operating temperature min.	-25 °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 when laying cables, as the IP protection class can be endangered by excessive bending forces.

Approvals	
UL 50E	yes

Installation | Cable	
wire arrangement	brown, white, blue, black, green-yellow
Cable identification	975
wire arrangement	brown, white, blue, black, green-yellow
Material wire insulation	PUR
Amount wires	5
Outer diameter insulation	1,3 mm
Outer diameter tolerance core insulation	± 5 %
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	copper stranded wire, tinned
Nominal voltage AC max.	300 V
Electrical resistance line constant wire	58 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	1,5 kV
Power frequency withstand voltage (wire - jacket)	1,5 kV
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	IEC 60332-2-2 | UL 1581 § 1100 FT2 | UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 | Good, application-related testing
Bending radius (fixed)	5 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: 2024-05-20

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