

M12 female recept. A-cod. rear

PUR-wires 8x0.34 2m

Art.No.: 7000-17185-9850200

Weight: 0.111

Country of origin: DE

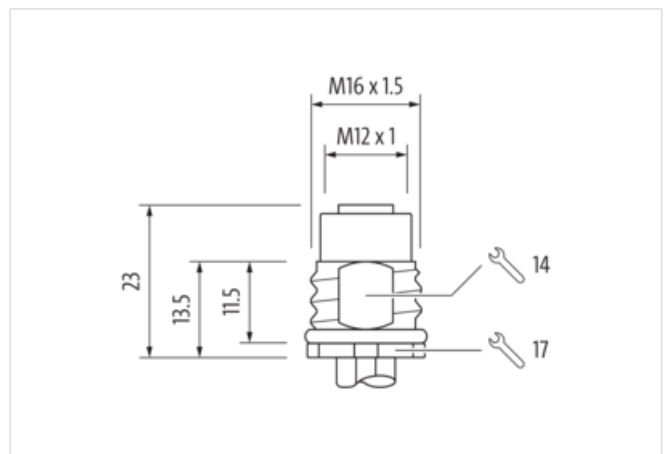
Model designation: MSBFH-08D985_2.0

Flange female

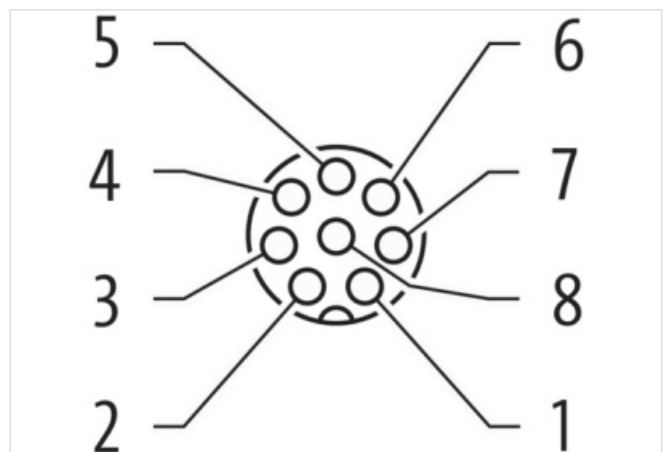
M12, 8-pole

Rear mounting

with multi-strand wire

[Link to Product](#)**Illustration**

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD





Product may differ from Image



Header	
Material short text	MSBFH-08D985_2.0
Cable length	2,00 m
Side 1	
Family construction form	M12
No. of poles	8
Coding	A
Mounting method	inserted, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Width across flats	SW17
Material	Brass
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-17185-9850200
GTIN	4065909147511
ECLASS-6.0	27279220
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-7.1	27440103
ECLASS-8.0	27440103
ECLASS-8.1	27440103
ECLASS-9.0	27440103
ECLASS-9.1	27440109
ECLASS-10.0.1	27440109
ECLASS-10.1	27440103
ECLASS-11.0	27440109
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ECLASS-13.0	27440109
ECLASS-14.0	27440109

customs tariff number	85444290
EAN	4065909147511
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Current operating per contact max.	2 A
Diagnostics	
Status indication LED	no
Installation Connection	
Mounting set	M16 x 1.5
Width across flats	SW19
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Protection NEMA	6P, 4, 3
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0.8 kV
Material group (IEC 60664-1)	I
Mechanical data	
Contour for corrugated hose	without
Mechanical data Material data	
Material housing	Brass
Coating housing	nickel plated
Material screw connection	Brass
Coating of fitting	nickel plated
Locking material	Brass
Coating locking	nickel plated
Material gasket	FKM
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Looking techniques	Schraubgewinde
Environmental characteristics Climatic	
Operating temperature min.	-30 °C
Operating temperature max.	85 °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	DIN EN 61076-2-101 (M12)
Approvals	
UL 50E	yes
Installation Cable	
Cable identification	985
Wire arrangement	white, brown, green, yellow, gray, pink, blue, red
Material wire insulation	PP
Amount wires	8
Outer diameter insulation	1.25 mm

Conductor crosssection (wire)	0.34 mm ²
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	5 Mio.
No. of torsion cycles	2 Mio.
Torsion stress	180 °C