

M12 male recept. A-cod. rear

TPE-wires 12x0.14 1m

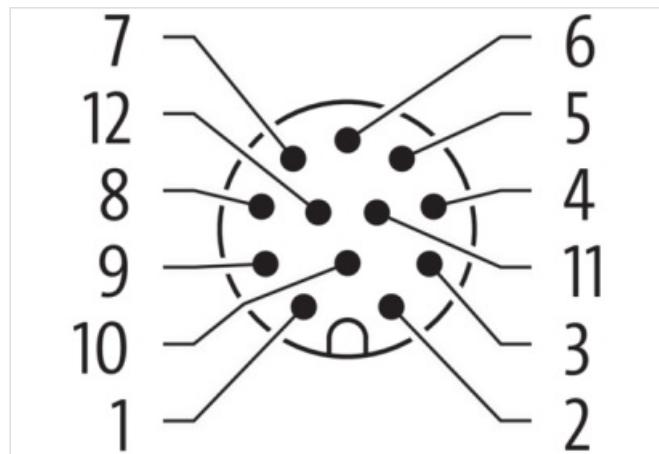
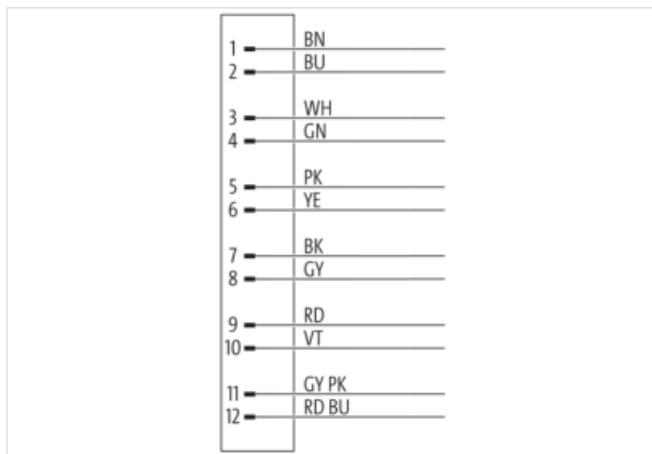
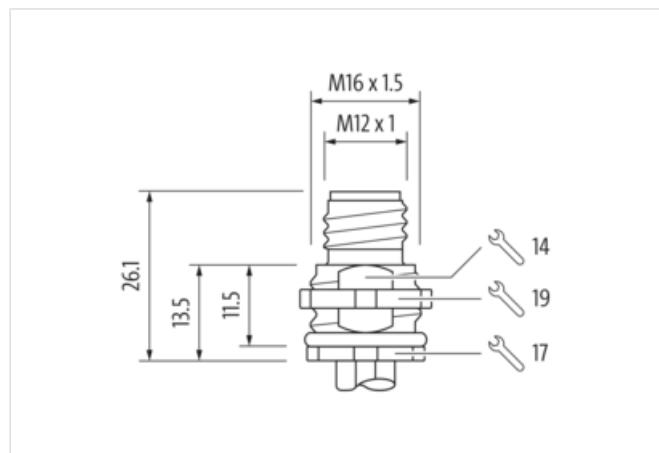
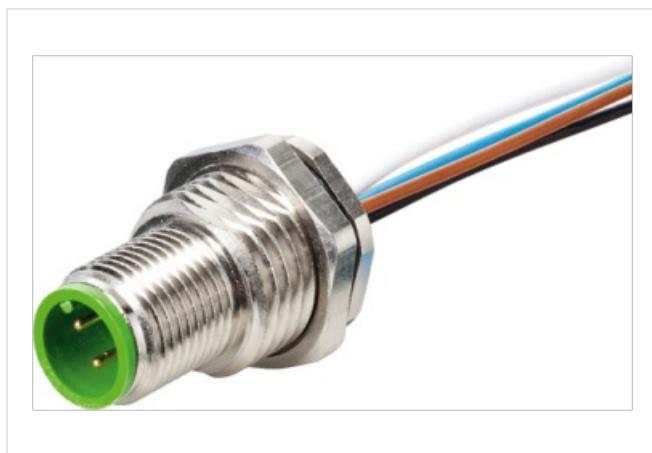
Art.No.: 7000-19165-9790100

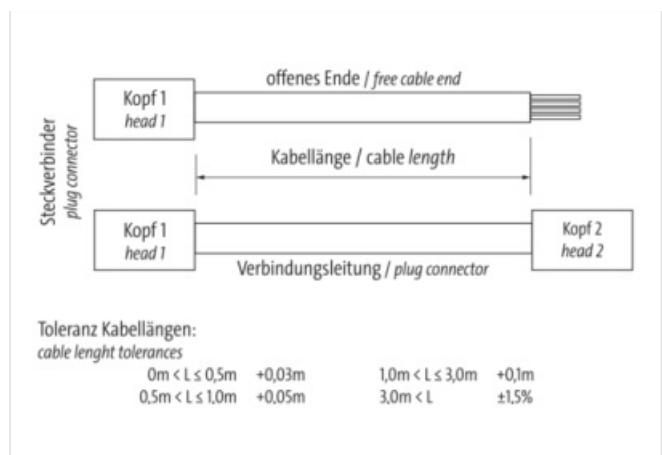
Weight: 0.086 kg

Country of origin: DE

Model designation: MSAFH-12E979_1.0

Flange male
 M12, 12-pole
 Rear mounting
 with multi-strand wire

[Link to Product](#)
Illustration




Product may differ from Image



Header

Cable length 1,00 m

Side 1

Family construction form M12

No. of poles 12

Coding A

Mounting method inserted, screwed

Threaded hole M12 x 1

Tightening torque 0,6 Nm

Width across flats SW14

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/7000-19165-9790100>

customs tariff number 85444290

EAN 4048879332262

Packaging unit 1

Electrical data | Supply

Operating voltage AC max. 30 V

Operating voltage DC max. 30 V

Current operating per contact max. 1,5 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
Mechanical data Mounting data	
Mounting method	inserted, screwed
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	EN IEC 61076-2-101 (M12)
Approvals	
UL 50E	yes
Installation Cable	
Cable identification	979
Wire arrangement	brown, blue, white, green, pink, yellow, Black, gray, red, violet, gray-pink, red-blue
Cable weight	72 g/m
Material wire insulation	PP
Amount wires	12
Outer diameter insulation	1,25 mm
Conductor crosssection (wire)	0,14 mm ²
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	85 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	85 °C
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	15 × Outer diameter