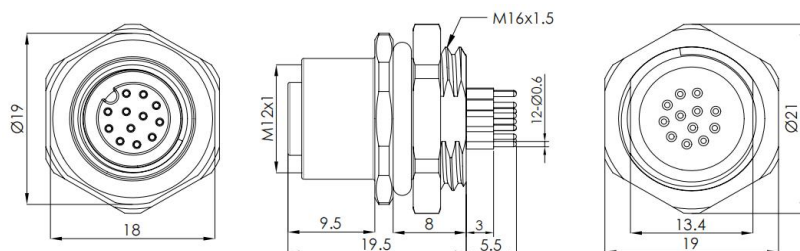


Accessories for actuator/sensor flange – female with PCB, Front-mounted



Typecode M12A12FBRF6P1011

ID 1006010000545

Technical Data*

Connector A

Connector	M12, Female, A-Coding
Number of Pins	12-Pin
Contacts	Brass, Gold-plated
Flange housing	Brass, Nickel-plated
Contact Carriers	PA
Seal	FKM
Protection Class	IP67, Only in screwed condition
Mechanical lifespan	≥ 100 Mating cycles
Pollution degree	III
Locking mode	M12 x 1
Connection mode	PCB 180°
Screw-in thread	M16 x 1.5
Standard	RoHS

Electrical properties at +20 °C

Rated Voltage	30 V
Rated current	1.5 A
Rated impulse voltage	500 V
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ

Mechanical and chemical properties

Ambient temperature range (stationary) -40 °C ... 85 °C

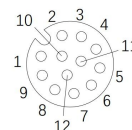
Commercial data

Weight	18 g
Country of origin	CN
Packaging unit	1 pc

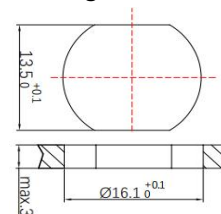
Features

- M12, Female, 12-Pin
- Front-mounted
- Protection Class: IP67
- Metal housing
- PCB solder contact
- RoHS-compliant
- Approval: cULus, CE

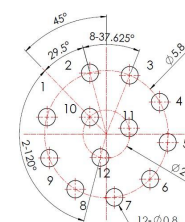
Contact assignment



Through bore



PCB bore



* Please note that the data specified here were design data, and the parameters of product are subject to changes without prior notice. Matters not mentioned herein. Please contact customer service. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.