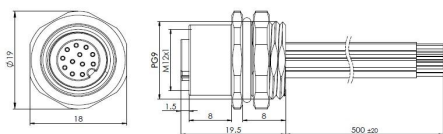


Accessories for actuator/sensor cables – male flange with wires, front-mounted



Typecode M12A12FBRF9WV005011

ID 1006020000331

Technical Data*

Connector A

Connector	M12, A-coding
Number of Pins	12-Pin
Contacts	Brass, Gold-plated
Flange housing	Brass, Nickel-plated
Mounting type	Front-mounted
Contact Carriers	PA
Seal	FKM
Screw-in thread	PG9
Connection mode	Crimp connection
Mechanical lifespan	≥ 100 Mating cycles
Pollution degree	3
Protection Class	IP67, (screwed together)
Cable length	0.5 m
Core insulation	PVC
Core cross-section	12 x 0.14 mm ²
Core colors	1-BN, 2-WH, 3-BU, 4-BK, 5-GY, 6-PK, 7-VT, 8-OG 9-GY/PK, 10-WH/BU, 11-WH/GY, 12-GY/BN
Locking mode	Screw M12 x 1
Standard	IEC 61076-2

Electrical properties at +20 °C

Rated Voltage	30 V
Rated current	1.5 A
Insulation resistance	≥ 100 MΩ

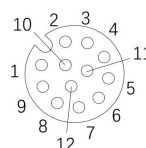
Mechanical and chemical properties

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

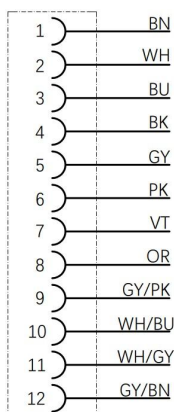
Features

- M12, Male, 12Pin
- Resistant to salt spray
- Protection Class: IP67
- RoHS-compliant
- Approval: cULus, CE

Contact assignment

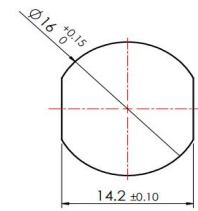


Connection diagram



Technical Data***Commercial data**

Weight	35 g
Country of origin	CN
Packaging unit	1 pc

Through 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.