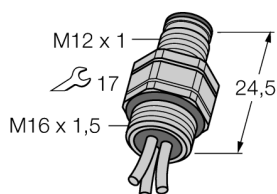
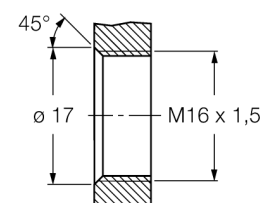
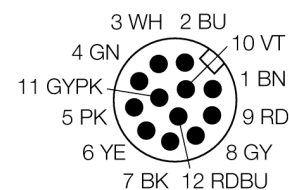


M12 x 1 round connector
male flange connector, with litz wire, rotatable contact body, stainless steel
version
EC-FSDE12-0,5/16



- robust and pre-assembled round connector
- Degree of protection IP67
- with 0.5m litz wire
- also available with other litz wire lengths

Wiring diagram



Type	EC-FSDE12-0,5/16
Ident-No.	8029346
Connector A side	Male flange connector, M12 x 1, with litz wire
Number of poles	12-pole
Contacts	metal, CuZn, gold-plated
Contact carriers	plastic, PA 12 GF, black
Screw-in thread seal	plastic, NBR
Flange housing	stainless steel, 1.4404
Protection class	IP67, only tightened with screws
Screw-in thread	M16 x 1,5
Pollution degree	3
Core insulation material	PVC
Core insulation colours	BN, BU, WH, GN, PK, YE, BK, GY, RD, VT, GY/PK, RD/BU
Core cross-section	12 x 0.14 mm ²
Litz wire arrangement	72 x 0.05 mm
Litz wire length	0.5 m
Rated voltage	max. 30 V
Insulation resistance	≥ 10 ⁹ Ω
Ampacity	1.5 A
Forward resistance	≤ 5 mΩ
Ambient temperature Connector	-30... +90°C