

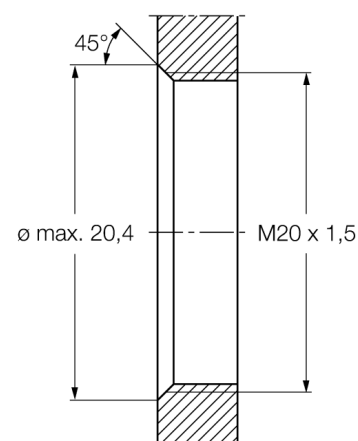
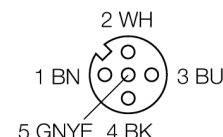
M12 x 1 round connector

female flange connector, with litz wire, rotatable contact body, stainless steel
version

EC-FKDE5-0,5/20

- robust and pre-assembled round connector
- Degree of protection IP67
- M12 push-pull compatible

Wiring diagram



Type	EC-FKDE5-0,5/20
Ident-No.	8028144
Connector A side	female flange connector, M12 x 1, with litz wire
Number of poles	4-pole + PE
Contacts	metal, CuZn, gold-plated
Contact carriers	plastic, TPU, black
Seal	plastic, FKM/FPM
Screw-in thread seal	plastic, NBR
Flange housing	stainless steel, 1.4404
Protection class	IP67, only tightened with screws
Screw-in thread	M20 x 1,5
Pollution degree	3
Core insulation material	PVC
Core insulation colours	BN, WH, BU, BK, GNYE
Core cross-section	4 x 0.34 mm ²
Core cross-section PE	1x0.5mm ²
Litz wire arrangement	7 x 0.25 mm
Litz wire design PE	16x0.2mm
Litz wire length	0.5 m
Rated voltage	max. 60 V
Insulation resistance	≥ 10 ⁸ Ω
Ampacity	4 A
Forward resistance	≤ 5 mΩ
Ambient temperature Connector	-30... +90°C