

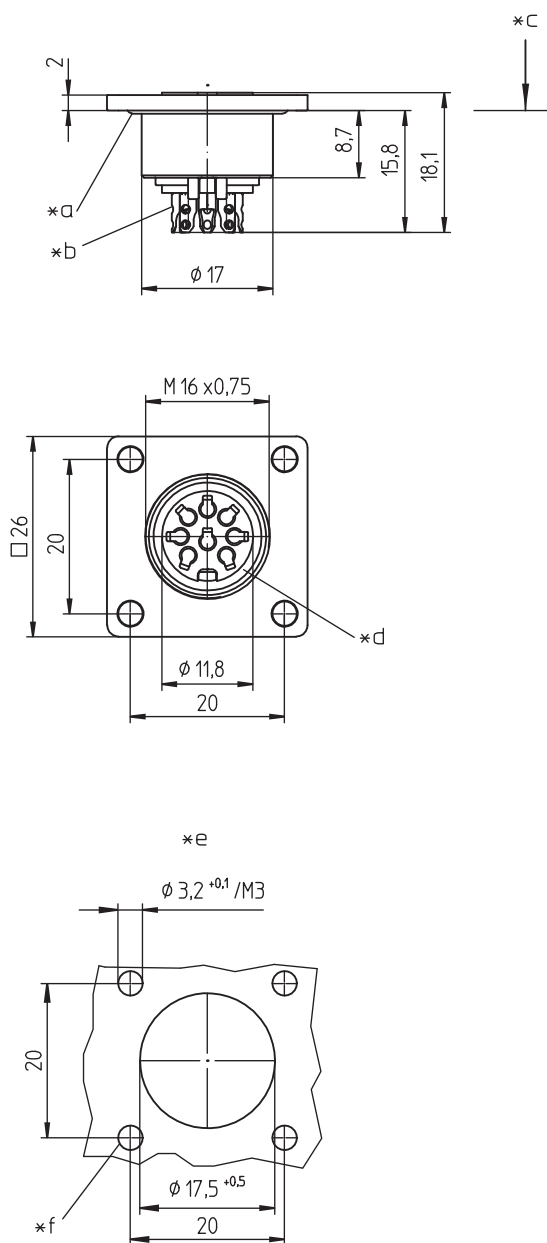
03 0308-1

Circular connectors with threaded joint M16 acc. to IEC 61076-2-106, IP40/IP67/IP68



Flange chassis socket acc. to IEC 61076-2-106 and AISG specification, IP 68, with threaded joint and solder terminals, for front mounting

03 0308-1



Environmental conditions

Temperature range -40 °C/+85 °C

Materials

Insulating body	PA GF, V-0 according to UL94
Contact bush	CuZn, silver-plated and flash gold-plated
Housing	Zn diecast, pre-copper and nickel-plated
Seal	EPDM

Mechanical data

Insertion force/contact	≤ 5.0 N ¹
Withdrawal force/contact	≥ 1.2 N ¹
Protection class	IP68 ²

¹ measured with a polished steel pin, nominal thickness 1.5 mm

² according to IEC DIN EN 60529, only in locked condition with an appropriate counterpart; IPX8 requirements under agreement between manufacturer and user

Connectable conductors for solder area

Section ≤ 0.75 mm² (AWG 20)

Electrical data (at T_{amb} 20 °C)

Contact resistance	≤ 5 mΩ
Rated current	5 A (T _{amb} 40 °C)
Rated voltage	100 V (with pollution degree 1) 32 V (with pollution degree 2)
Rated impulse voltage	500 V
Material group	II (IEC)/I (UL) (CTI ≥ 550)
Overvoltage category	I
Insulation resistance	> 100 MΩ

Associated products

Counterparts

☞ 0331	☞ 0332	☞ 0332-1
☞ 033200	☞ 0365	☞ 036500

Accessories

☞ 0308 C 02	☞ 0322 C 16	☞ 0381
☞ 038199	☞ 038799	

*g
0308-1 05-3

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08-a
0308-1 08-1

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- *a O-ring gasket
 - *b cup-shaped solder terminal
 - *c mounting direction
 - *d flat gasket
 - *e port in mounting plate
 - *f provide for suitable sealing of screws
 - *g pin configuration according to AISG C485

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0308-1

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
0308-1 05-3	5	50	100
0308-1 08-1	8	50	100

Packaging:

in a cardboard box