

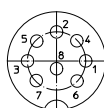
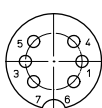
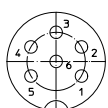
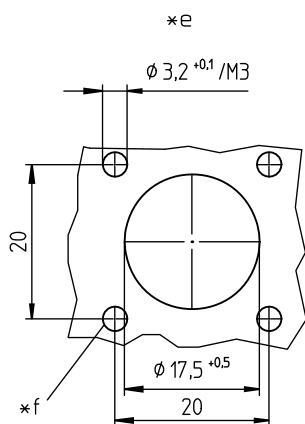
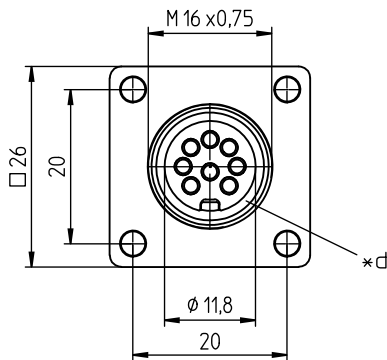
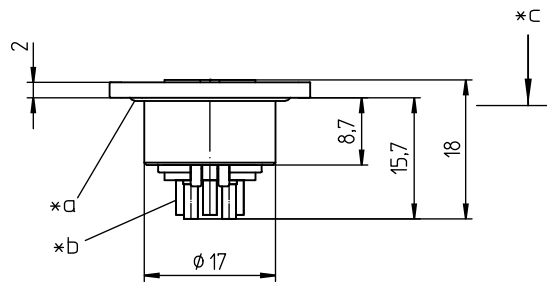
03 0308-2

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



SWUM™ flange chassis socket acc. to IEC 61076-2-106 and AISG specification, IP 68/67, with threaded joint and solder terminals, for front mounting

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- 0308-2 06-1 0308-2 08-1

Environmental conditions

Temperature range -40 °C/+85 °C

Materials

Insulating body PA, V-2 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 $\leq 5.0 \text{ N}^1$
Withdrawal force/contact $\geq 1.2 \text{ N}^1$
Protection class IP68/67²

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

² according to IEC 60529/DIN EN 60529

IP68: sealed in locked position; pair of appropriate connectors in locked position is sealed against ingress of dust and moisture.

IP67: sealed when unmated (SWUM™); no dust or moisture can ingress into the inside of the device through an unmated connector accidentally left unprotected.
IPX8 requirements under agreement between user and manufacturer

Connectable conductors for solder area

Section $\leq 0.75 \text{ mm}^2$ (AWG 20)

Electrical data (at $T_{\text{amb}} 20 \text{ °C}$)

Contact resistance $\leq 5 \text{ m}\Omega$
Rated current 5 A ($T_{\text{amb}} 40 \text{ °C}$)
Rated voltage 60 V
Rated impulse voltage 1 kV/60 s
Material group II (IEC)/I (UL) (CTI ≥ 450)
Overvoltage category I
Insulation resistance $> 100 \text{ M}\Omega$

Associated products

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

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

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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
-

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0308-2

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
0308-2 06-1	6	50	100
0308-2 08-1	8	50	100

Packaging:

in a cardboard box