

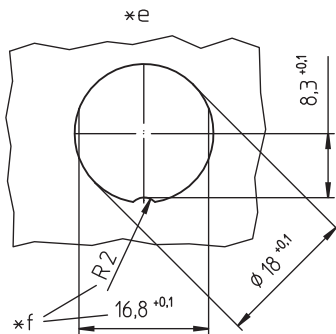
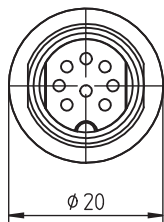
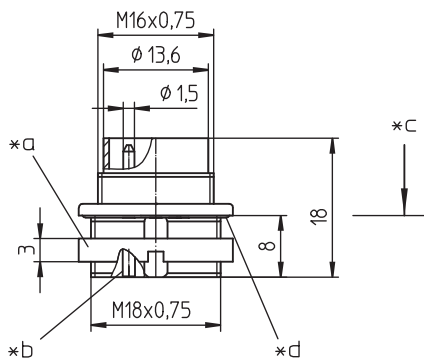
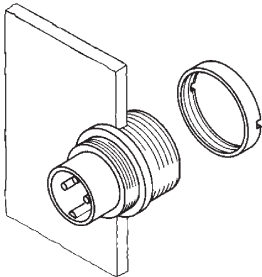
03 0314-1

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



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

03 0314-1



Environmental conditions

Temperature range -40 °C/+85 °C

Materials

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

Mechanical data

Protection class IP68¹

¹ 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)

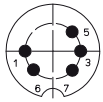
Rated current	5 A (T _{amb} 40 °C)
Rated voltage	100 V (with pollution degree 1) 32 V (with pollution degree 2)
Rated impulse voltage	500 V
Material group	II (IEC)/I (UL) (CTI ≥ 550)
Overvoltage category	I
Insulation resistance	> 100 MΩ

Associated products

Counterparts		
☞ 0321	☞ 0322	☞ 0322-1
☞ 032200	☞ 0360	☞ 036000
Accessories		
☞ 0382	☞ 0383	☞ 038399
☞ 0384	☞ 0385	☞ 038899

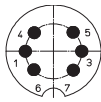
03

0314-1

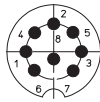


*g

0314-1 05-3



0314-1 06-1



08-a

0314-1 08-1

- *a nut enclosed separately
- *b cup-shaped solder terminal
- *c mounting direction
- *d O-ring gasket
- *e port in mounting plate
- *f anti-rotation, alternative execution
- *g pin configuration according to AISG C485

03

0314-1

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
0314-1 05-3	5	50	100
0314-1 08-1	8	50	100

Packaging:

in a cardboard box