

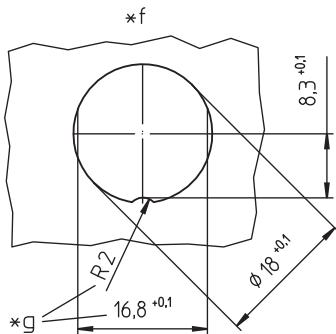
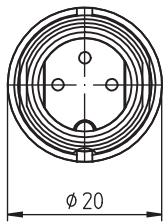
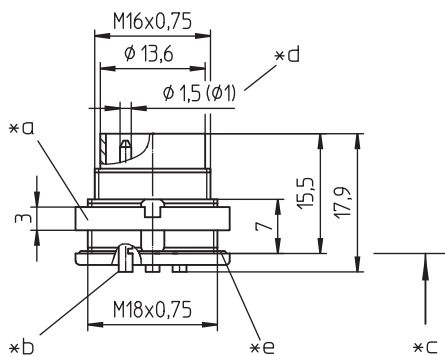
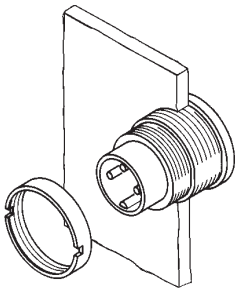
03 0315

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



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

03 0315



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 (3-8 poles)
CuZn, pre-nickel and gold-plated (12-14 poles)
Housing Zn diecast, pre-copper and nickel-plated
Ring screw CuZn, nickel-plated
Seal NBR

Mechanical data

Protection class IP68¹
Further data depending on pin configuration, see below

¹ according to IEC DIN EN 60529, only in locked condition with an appropriate counterpart; IPX8 requirements under agreement between manufacturer and user

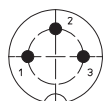
Connectable conductors for solder area

Section ≤ 0,75 mm² (AWG 20) (3-8 poles)
≤ 0,25 mm² (AWG 24) (12-14 poles)

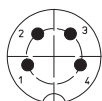
Electrical data (at T_{amb} 20 °C)

Rated current 5 A (T_{amb} 40 °C, 3-8 poles)
3 A (T_{amb} 40 °C, 12-14 poles)
Rated voltage with pollution degree 1:
300 V (versions 03, 04, 05-1, 06, 07)
100 V (versions 05, 07-1, 08, 08-1)
160 V (versions 12, 14)
with pollution degree 2:
250 V (versions 03, 04)
32 V (versions 05, 07-1, 08, 08-1)
160 V (versions 05-1, 06, 07, 12, 14)
Rated impulse voltage 1500 V (versions 03, 04, 05-1, 06, 07, 12, 14)
500 V (versions 05, 07-1, 08, 08-1)
Material group II (IEC)/1 (UL) (CTI ≥ 550)
Overvoltage category I
Insulation resistance > 100 MΩ

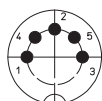
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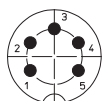
03-a
0315 03



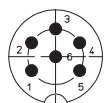
04-a
0315 04



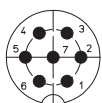
05-b
0315 05



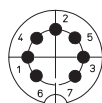
05-a
0315 05-1



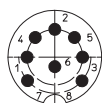
06-a
0315 06



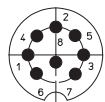
07-a
0315 07



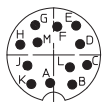
07-b
0315 07-1



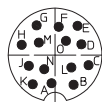
0315 08



08-a
0315 08-1



12-a
0315 12



14-a
0315 14

Associated products

Counterparts

☐ 0321

☐ 0322

☐ 0322-1

☐ 032200

☐ 0360

☐ 036000

Accessories

☐ 0383

☐ 038399

☐ 0384

☐ 0385

☐ 038899

- *a nut enclosed separately
- *b cup-shaped solder terminal
- *c mounting direction
- *d contact pin
Ø 1.5 mm (0315 03–0315 08-1)
Ø 1.0 mm (0315 12–0315 14)
- *e O-ring gasket
- *f port in mounting plate
- *g anti-rotation, alternative execution

03 0315

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
0315 03	3	50	100
0315 04	4	50	100
0315 05	5	50	100
0315 05-1	5	50	100
0315 06	6	50	100
0315 07	7	50	100
0315 07-1	7	50	100
0315 08	8	50	100
0315 08-1	8	50	100
0315 12	12	50	100
0315 14	14	50	100

Packaging:
in a cardboard box