

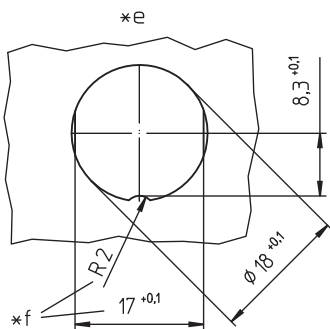
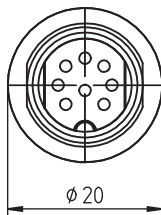
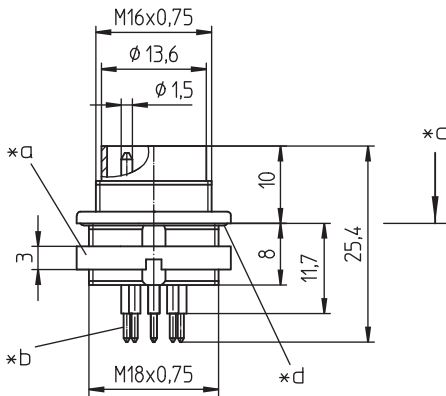
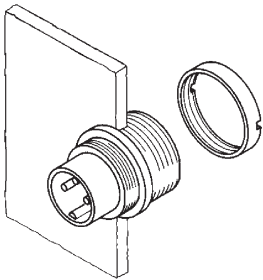
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Circular connectors with threaded joint M16 acc. to IEC 61076-2-106, IP40/IP68



Chassis plug acc. to AISG specification and IEC 61076-2-106, IP68, with threaded joint, for printed circuit boards, for front mounting

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### 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, tin-plated in solder area
Housing	Zn diecast, pre-copper and nickel-plated
Ring screw	CuZn, nickel-plated
Seal	NBR

### Mechanical data

Tightening torque connector	1-3 Nm
Tightening torque nut	1-3 Nm
Protection class	IP68 <sup>1</sup>









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

### Electrical data (at T<sub>amb</sub> 20 °C)







Rated current	5 A (T <sub>amb</sub> 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)/1 (UL) (400 ≤ CTI < 600)
Overvoltage category	I
Insulation resistance	> 100 MΩ

### Associated products

#### Counterparts

 0321	 0322	 0322-1
 032200	 0360	 036000
 Weitere Produkte auf Anfrage	 Weitere Produkte auf Anfrage	

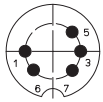
#### Accessories

 0382	 0383	 038399
 0384	 0385	 038899

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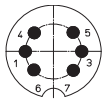
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Pin configurations, solder side view

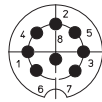


\*g

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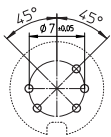
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08-a

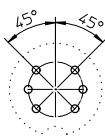
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Printed circuit board layout, solder side view

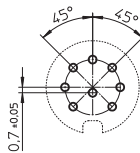


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05-b

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- \*a nut enclosed separately
- \*b for bore hole in printed circuit board  $\varnothing 1$  mm
- \*c mounting direction
- \*d O-ring gasket
- \*e port in mounting plate
- \*f anti-rotation, alternative execution
- \*g pin configuration according to AISG C485

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
0316-1 05-3	5	50	100
0316-1 08-1	8	50	100

**Packaging:**

in a cardboard box