

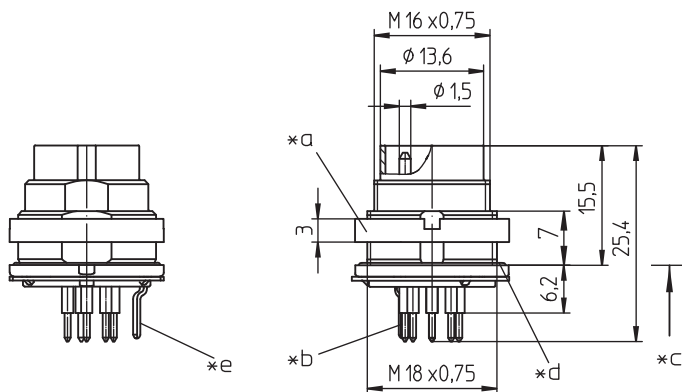
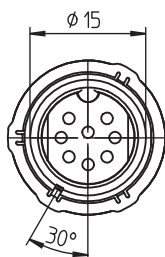
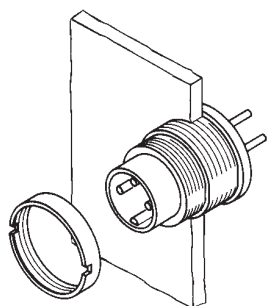
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Circular connectors with threaded joint M16 acc. to IEC 61076-2-106, IP40/IP67/IP68



Chassis plug acc. to IEC 61076-2-106 and AISG specification, IP 68, with threaded joint and ground contact, for printed circuit boards, for back side 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
Ground contact	CuZn, pre-nickel and tin-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

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)/1 (UL) (CTI ≥ 550)
Overvoltage category	I
Insulation resistance	> 100 MΩ

Associated products

Counterparts

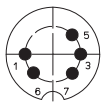
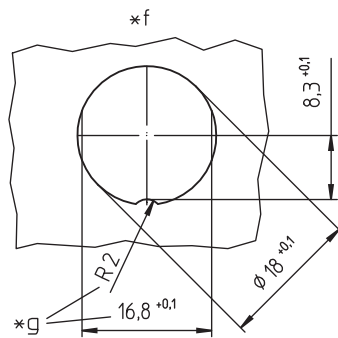
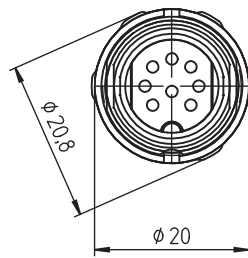
☞ 0321	☞ 0322	☞ 0322-1
☞ 032200	☞ 0360	☞ 036000

Accessories

☞ 0383	☞ 038399	☞ 0384
☞ 0385	☞ 038899	

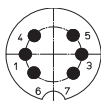
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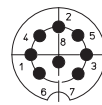


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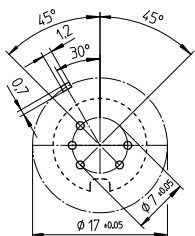


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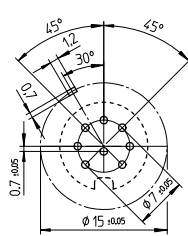
08-a

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08-a

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

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
031798-1 05-3	5	50	
031798-1 08-1	8	50	100

Packaging:

in a cardboard box