

03 0315-1 U

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

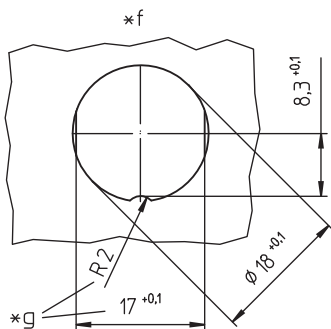
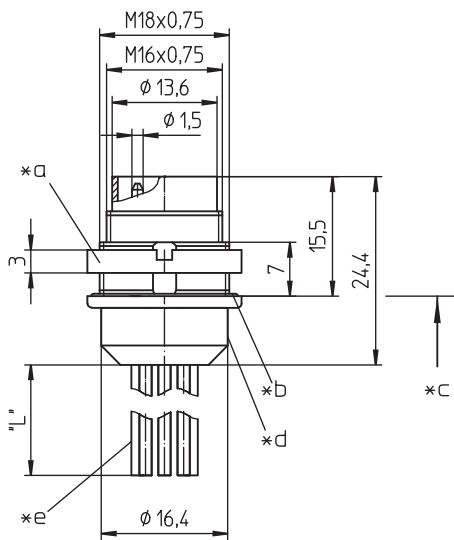


Chassis plug acc. to IEC 61076-2-106 and AISG specification, IP68, with threaded joint, cables and potted solder area, for back side mounting

State: Obsolete

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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
Housing	Zn diecast, pre-copper and nickel-plated
Ring screw	CuZn, nickel-plated
Potting	TPU, V-0 according to UL94
Seal	NBR

Mechanical data

Tightening torque connector	1-3 Nm
Tightening torque nut	1-3 Nm
Protection class	IP68 ¹

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

Connected cable

Construction	stranded wire, 7 x Ø 0.26 mm
Section	0,34 mm ² (AWG 22)

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) (400 ≤ CTI < 600)
Overvoltage category	I
Insulation resistance	> 100 MΩ

Associated products

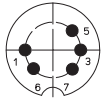
Counterparts		
☞ 0321	☞ 0322	☞ 0322-1
☞ 032200	☞ 0360	☞ 036000
☞ Weitere Produkte auf Anfrage	☞ Weitere Produkte auf Anfrage	

Accessories		
☞ 0383	☞ 038399	☞ 0384
☞ 0385	☞ 038899	

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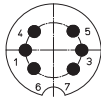
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Pin configurations, solder side view

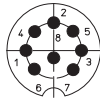


*h

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08-a

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Harnessing equipment

 ZMS 20

Color assignment of the cables

1	violett	violet
2	rot	red
3	grün	green
4	weiß	white
5	schwarz	black
6	grau	grey
7	blau	blue
8	braun	brown

*a nut enclosed separately

*b O-ring gasket

*c mounting direction

*d solder area potted

*e stranded wire 0.34 mm² (AWG 22), 7 x Ø 0.26 mm

*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)	Dimensions L (mm)
0315-1 05-3 U	5	50	100	-
0315-1 08-1 U	8	50	100	140

Packaging:

in a cardboard box