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Lumberg
passion for connections

03 0315-2

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

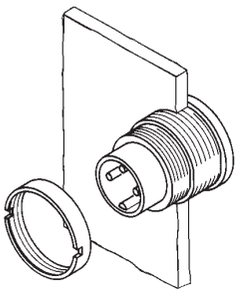


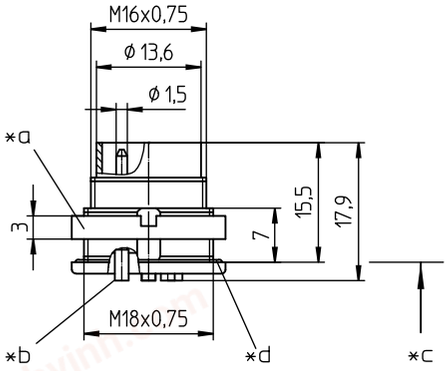
SWUM™ chassis plug acc. to IEC 61076-2-106 and AISG specification, IP68/67, with threaded joint and solder terminals, for back side mounting

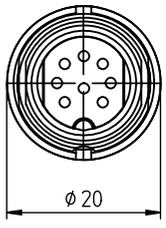
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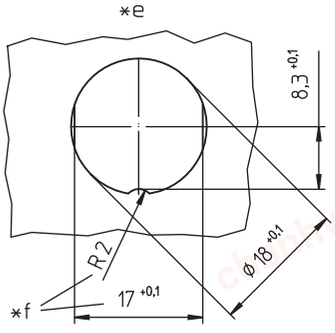
Lumberg
passion for connections

03 0315-2









Environmental conditions

Temperature range	-40 °C/+85 °C

Materials

Insulating body	PA, V-2 according to UL94
Contact pin	CuZn, pre-nickel and silver-plated, passivated
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
Thickness of mounting plate	1-4 mm
Protection class	IP68/67[1]

[1] according to IEC 60529/DIN EN 60529
IP68: sealed in locked position; pair of appropriate connectors in locked position is sealed against ingress of dust and moisture.

IP67: sealed when unmated (SWUM™); no dust or moisture can ingress into the inside of the device through an unmated connector accidentially left unprotected.
IPX8 requirements under agreement between user and manufacturer

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)/1 (UL) (400 ≤ CTI < 600)
Overvoltage category	I
Insulation resistance	> 100 MΩ

Associated products

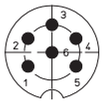
Counterparts

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

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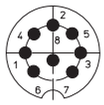
Pin configurations, solder side view



06-a
0315-2 06



0315-2 06-1



08-a
0315-2 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

Accessories
0383
038399
0384
0385
038899

Harnessing equipment
ZMS 20

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
0315-2 06	6	50	100
0315-2 06-1	6	50	100
0315-2 08-1	8	50	100

Packaging:
in a cardboard box