

SUMMARY

Wires

Low voltage 3



Image is for illustrative purpose only

Series	0B
Termination type	Female solder
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	3.30 - 4.20 mm
Status	active
Matching parts	FGG.0B.303.CLAD42Z

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PH*: Free receptacle, cable collet and nut for fitting a bend relief
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Variant	Z : Nut for fitting a bend relief
Weight	10.27 g

Performance

Configuration	0B.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1.0 mm (0.039in)
Max. Solid Conductor: 0.56 mm² (AWG 20)
Max. Stranded Conductor: 0.56 mm² (AWG 20)
R (max): 4.8 mOhm

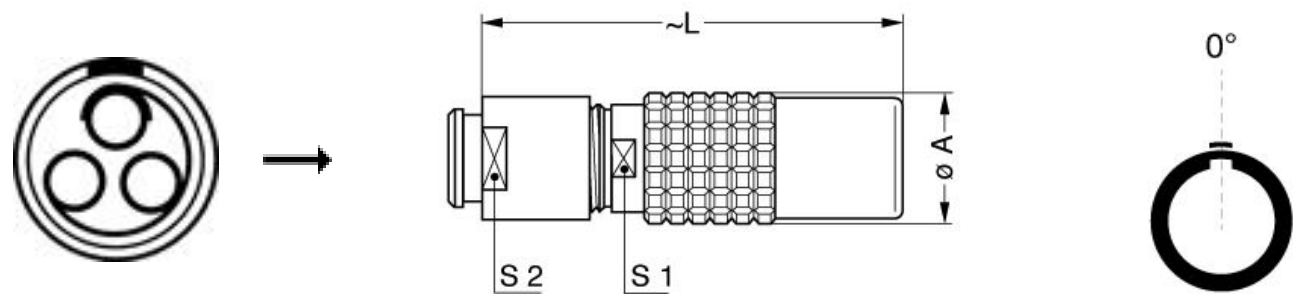
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Vtest (contact-shell): 900 V (AC), 1270 V (DC)
Vtest (contact-contact): 1200 V (AC), 1700 V (DC)

Others

Endurance (Shell): 5000
Temp (min / max): -55°C / +250°C
Humidity (max): <=95% [at 60 deg C / 140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	S1	S2
mm.	9.5	34.5	8	7
in.	0,37	1,36	0,31	0,28

RECOMMENDED BY LEMO

Tools

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Spanner wrench: [DCD.OB.005.PA070](#)

Cables

30110	PVC	Grey	
3280	PVC	Black	

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