

SUMMARY

Wires

Thermocouple	2
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Image is for illustrative purpose only

Series	0B
Termination type	Thermocouple
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	3.30 - 4.20 mm
Status	obsolete
Matching parts	EGG.0B.302.CLK

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet
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
Weight	9.92 g

Performance

Configuration	0B.302 : 1 Thermocouple Pair
Insulator	Y: PEEK for crimp contacts
Rated Current	10 Amps

Specifications

ThC. Materials (P+/N-): Chromel / Alumel
Thermocouple (P+/N-): Pin 1 / Pin 2
Note: Contact LEMO for performance details.
Vtest (contact-shell): 900 V (AC), 1270 V (DC)

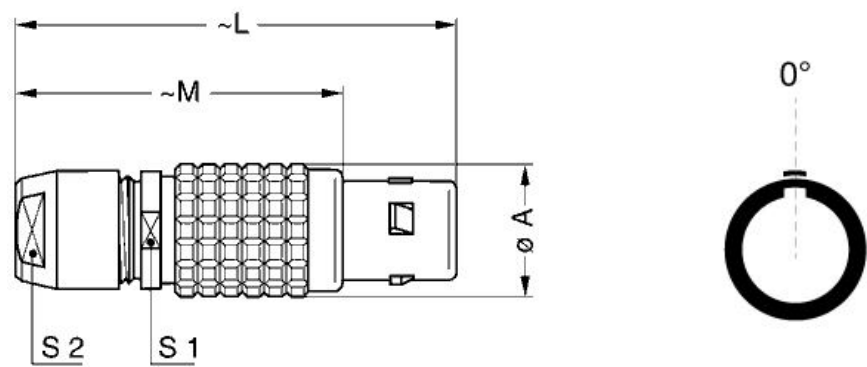
Others

Endurance (Shell): 5000

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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	M	S1	S2
mm.	9.5	36	26	8	7
in.	0,37	1,42	1,02	0,31	0,28

RECOMMENDED BY LEMO

Tools

- Replacement contact: [FGG.0B.56.ZZC](#)
- Spanner wrench: [DCD.0B.005.PA070](#)
- Caps: [BFG.0B.100.PCSG](#)

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