

SUMMARY

Wires

Thermocouple 2



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 - 4.85 mm
Status **obsolete**
Matching parts [FGG.0B.302.CLKN49](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PH*: Free receptacle, 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 9.81 g

Performance

Configuration 0B.302 : 1 Thermocouple Pair
Insulator L: PEEK (UL 94 / V-0/1.5)
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)

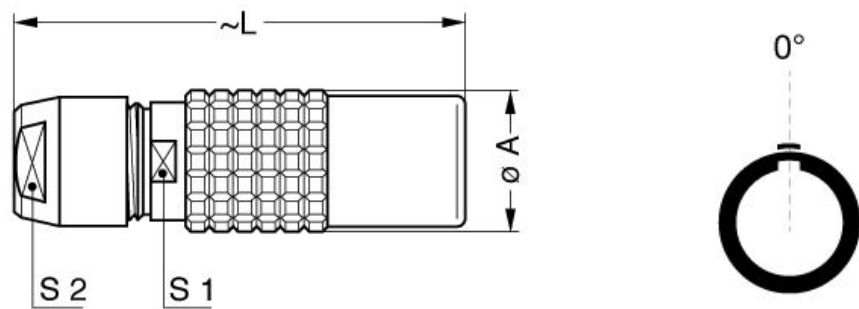
Others

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	S1	S2
mm.	9.5	35.5	8	7
in.	0,37	1,40	0,31	0,28

RECOMMENDED BY LEMO

Tools

Crimp settings: AWG/Selector = 20-22-24/6-5-5
 Replacement contact: EGG.0B.660.ZZM
 Spanner wrench: [DCD.0B.005.PA070](#)

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