

## SUMMARY



Image is for illustrative purpose only

### # Wires

Thermocouple 2

Series	0B
Termination type	Thermocouple
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	5.30 - 5.60 mm
Status	obsolete
Matching parts	<a href="#">PHG.0B.302.CLTF21</a>

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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	11.60 g

### Performance

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

### Specifications

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

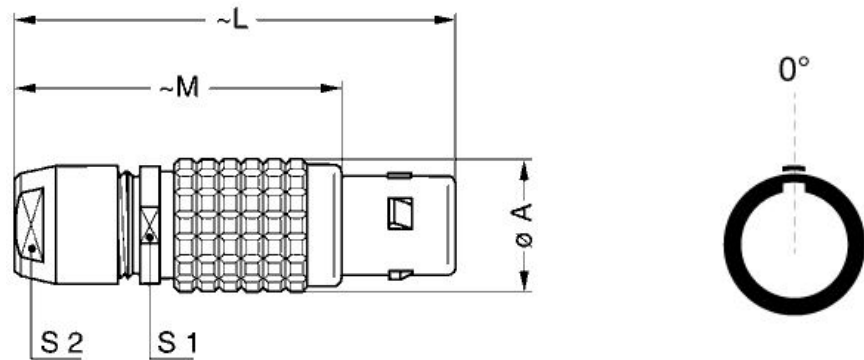
### Others

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]  
 Climatological 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

Spanner wrench: [DCD.0B.005.PA070](#)

Caps: [BFG.0B.100.PCSG](#)

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