

## 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 - 4.20 mm
Status	obsolete
Matching parts	<a href="#">EGG.0B.302.CLK</a>

### Download

[Request a quote](#)

[Catalog](#)

## 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)

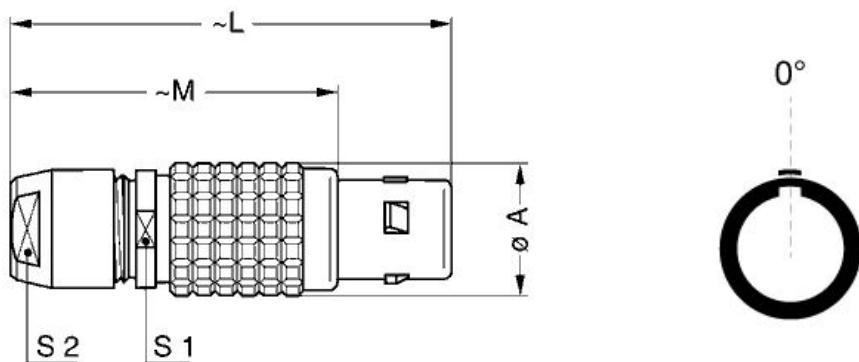
### Others

Endurance (Shell): 5000

*LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.*

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

*LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.*

*LEMO products and services are provided “as is”. LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.*