

## SUMMARY



Image is for illustrative purpose only

### # Wires

Thermocouple 2

Series 1E  
Termination type Thermocouple  
IP rating 68  
AWG wire size 28.00 - 20.00  
Cable Ø 1.30 - 8.50 mm  
Status active  
Matching parts [FFA.1E.302.CLKC50](#)

### Download

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[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model ERA\*: Fixed receptacle, nut fixing  
Keying  
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 18.90 g

### Performance

Configuration 1E.302/ThC : 1 Thermocouple Pair  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 15 Amps

### Specifications

ThC. Materials (P+/N-): Chromel / Alumel

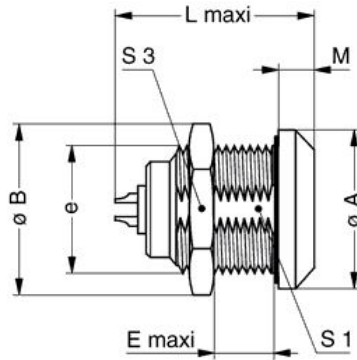
### Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -55°C / +200°C  
Humidity (max): <=95% [at 60 deg C / 140 F]  
Vibration: 15 g [10 Hz - 2000 Hz]

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Shock Resistance: 100 g [ 6 ms]  
 Climatical Category: 50/175/21  
 Shielding (min): 95 dB (10 MHz)  
 Shielding (min): 80 dB (1 GHz)  
 Salt Spray Corrosion: >1000 hr

## DRAWINGS



### Dimensions

	A	B	E	L	L1	M	S1	S3	e
mm.	20	21.5	9	24	25.3	4.5	14.5	19	M16x1.0
in.	0,79	0,85	0,35	0,94	1,00	0,18	0,57	0,75	

## RECOMMENDED BY LEMO

### Tools

### Cables

120222			
121221			
130222			
131221			

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150222			
151221			
160222			
161221			

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