

## SUMMARY

### # Wires

Thermocouple 4



*Image is for illustrative purpose only*

Series 1S  
Termination type Hybrid contacts  
IP rating 50  
AWG wire size 30.00 - 22.00  
Cable Ø 4.20 - 5.20 mm  
Status active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PSA\*: Fixed receptacle, nut fixing, cable collet  
Keying Hermaphroditic keying (half moon insert) with female pin 1  
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 15.42 g

### Performance

Configuration 1S.902/ThC : 2 Thermocouple Pairs  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current

### Specifications

Contact Dia.: 0.9 mm (0.035in)

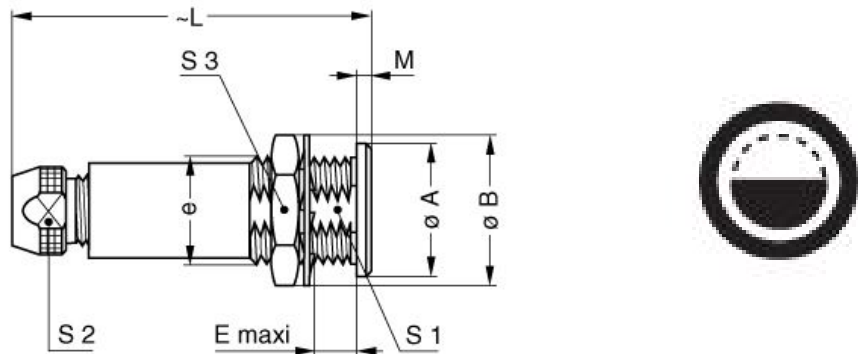
### Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -55° C / +250° 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): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 Salt Spray Corrosion: >144 hr

## DRAWINGS



### Dimensions

	A	B	C	E	L	M	S1	S2	S3	e
mm.	14	16	6.2	7.5	40.5	1.5	10.5	8.5	14	M12x1.0
in.	0,55	0,63	0,24	0,30	1,59	0,06	0,41	0,33	0,55	

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.1S.015.PA085](#)

### Cables

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