

SUMMARY

Wires

Thermocouple 2



Image is for illustrative purpose only

Series	3K
Termination type	Thermocouple
IP rating	68
AWG wire size	18.00 - 10.00
Cable Ø	5.60 - 6.00 mm
Status	active
Matching parts	EGG.3K.302.CYM

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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

Performance

Configuration	3K.302 : 2 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	35 Amps

Specifications

Contact Type: Thermocouple

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]
Shock Resistance: 100 g [6 ms]

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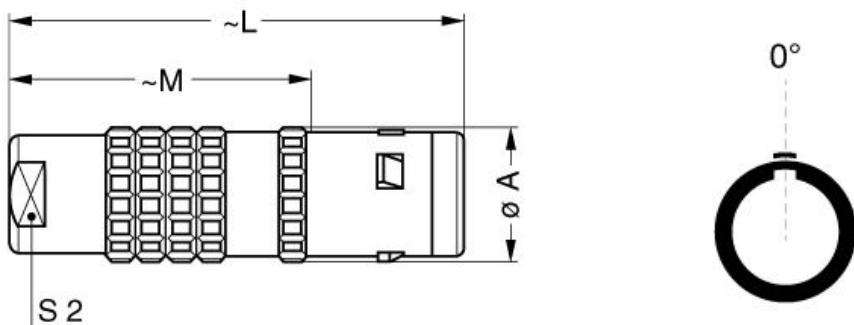
Climatical Category: 50/175/21

Shielding (min): 95 dB (10 MHz)

Shielding (min): 80 dB (1 GHz)

Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	M	S2
mm.	19	61	41	15
in.	0,75	2,40	1,61	0,59

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.3E.030.PA150](#)

Caps: [BFG.3K.100.NAS](#)

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