



## Summary

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Thermocouple	4
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.60 - 5.00 mm
Size	0E
Matching parts	<a href="#">ERA.0E.902.CLK</a>
Series	E - Outdoor Stepped Insert

## Technical details

### Electrical Configuration

Thermocouple	4
Insulator	L: PEEK (UL 94 / V-0/1.5)

### Form & Material

Shell style / Model id	FFA - Straight plug, cable collet
Plug	Straight
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	3 keys (alpha=42, gamma=30, plug: male contacts, receptacle: female contacts)

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/ffa-0e-902-clkk50.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/ffa-0e-902-clkk50.html)

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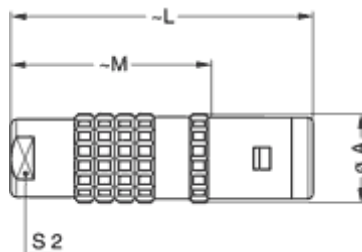
## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental protection (IP rating)	IP68
Minimal temperature	-55°C / +200°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.60 - 5.00 mm

## Drawings



## Dimensions

	S2	M	A	L
mm.	8	23	11	34
in.	0.31	0.91	0.43	1.34

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