



Summary

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Thermocouple	4
Wire Size/AWG	32 - 24
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Size	0S
Matching parts	FFA.0S.902.CLAG34
Series	S - Indoor Stepped Insert

Technical details

Electrical Configuration

Thermocouple	4
Insert configuration value	0S.902/ThC - 2 Thermocouple Pairs
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 Amps
Contact Dia.	0.7 mm (0.028in)
Wire Size/AWG	32 - 24

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/pca-0s-902-cllg34.html

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Form & Material

Shell style / Model id	PCA - Free receptacle, cable collet
Socket / Receptacle	Free
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
Locking system	Push-pull
Keying	Hermaphroditic keying (half moon insert) with female pin 1
Weight	8.68 g

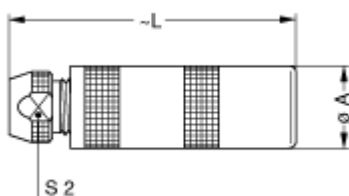
Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 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

Drawings



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Dimensions

	A	L	S2	C
mm.	8.9	33.5	6.5	4.2
in.	0.35	1.32	0.26	0.17

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