

Summary

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Thermocouple	6
Wire Size/AWG	28 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Size	2B
Matching parts	FGG.2B.903.CLEF82
Series	B - Indoor keyed

Technical details

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/phg-2b-903-clef82.html

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Electrical Configuration

Thermocouple	6
Insert configuration value	2B.903/ThC - 3 Thermocouple Pairs
Insulator	L: PEEK (UL 94 / V-0/1.5)
ThC. Materials (P+/N-)	Chromel / Constantan
Contact Dia.	1.3
Wire Size/AWG	28 - 20
Gender	Standard

Form & Material

Shell style / Model id	PH - 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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	37.84 g

Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental protection (IP rating)	IP50
Minimal temperature	-40°C / +80°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

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Cable fixation

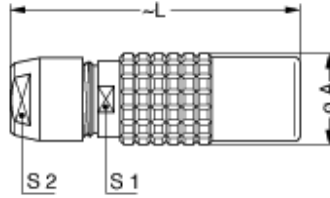
Cable termination protection

Standard back nut (no additional protection)

Fixation type

Cable collet

Drawings



Dimensions

	S2	S1	L	A
mm.	12	13	47	16.5
in.	0.47	0.51	1.85	0.65

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