



## Summary

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Thermocouple	6
Wire Size/AWG	34 - 28
Gender	Standard
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 5.60 mm
Size	0B
Matching parts	<a href="#">EGG.0B.306.CLL</a>
Series	B - Indoor keyed

## Technical details

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fmg-0b-306-cykd56.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fmg-0b-306-cykd56.html)

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## Electrical Configuration

Thermocouple	6
Contact Termination Thermocouple	Crimp
Insert configuration value	0B.306 - 3 Thermocouple Pairs
Insulator	Y: PEEK for crimp contacts
Rated current	2.5 Amps
ThC. Materials (P+/N-)	Chromel / Alumel
Contact Dia.	0.5
Wire Size/AWG	34 - 28
Gender	Standard

## Form & Material

Shell style / Model id	FM - Elbow plug, cable collet and lanyard release, long key
Plug	Elbow
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	16.53 g

## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
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

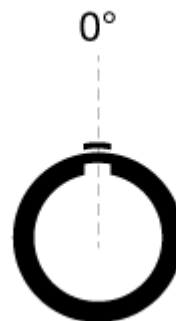
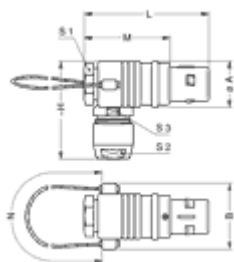
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## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.30 - 5.60 mm

## Drawings



## Dimensions

	<b>A</b>	<b>S1</b>	<b>N</b>	<b>M</b>	<b>L</b>	<b>H</b>	<b>B</b>	<b>S2</b>	<b>S3</b>
mm.	11	10	140	21.6	31.6	26	17	7	8
in.	0.43	0.39	5.51	0.85	1.24	1.02	0.67	0.28	0.31

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