



Image for illustrative purpose only

## Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	5
Wire Size/AWG	36 - 28
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.40 - 2.20 mm
Size	00
Suggested matching part	<a href="#">EGG.00.305.CLL</a>
Series	B - Indoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fpg-00-305-clad22.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fpg-00-305-clad22.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Insert configuration value	0.305 - 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	1.7 A
Contact Type	Solder
Max. Solid Conductor	0.09 mm <sup>2</sup> (AWG 28)
Max. Stranded Conductor	0.05 mm <sup>2</sup> (AWG 30)
Bucket Dia.	0.4 mm (0.016in)
Contact Dia.	0.35 mm (0.01in)
Number of contacts Low Voltage	5
Wire Size/AWG	36 - 28

## Form & Material

Shell style / Model id	FP - Elbow (90°) plug with cable collet
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)
Colour	Grey
Weight	6.13 g

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fpg-00-305-clad22.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fpg-00-305-clad22.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

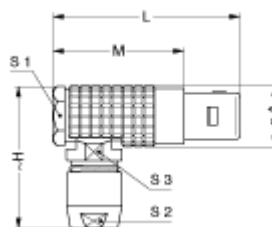
## Environment

Environmental sealing (IP rating)	IP50
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
Jacket cable outside diameter [mm]	1.40 - 2.20 mm

## Drawings



## Dimensions

	A	H	L	M	S1	S2	S3
mm.	7.5	18	24.5	16.5	6.5	5	5.3
in.	0.3	0.71	0.96	0.65	0.26	0.2	0.21

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fpg-00-305-clad22.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fpg-00-305-clad22.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.