



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	3
Wire Size/AWG	34 - 28
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.40 - 2.20 mm
Size	00
Suggested matching part	<a href="#">FGG.00.303.CLAD17</a>
Alternative part	<a href="#">PHG.00.303.CLLD22Z</a>
Series	B - Indoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/phg-00-303-clld17z.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/phg-00-303-clld17z.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	3
Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Insert configuration value	0.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	3.5 A
Vtest (contact-contact)	1.1 kV (DC)
Vtest (contact-shell)	1.4 kV (DC)
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.	0.5 mm (0.02in)
Wire Size/AWG	34 - 28
Gender	Standard

## Form & Material

Shell style / Model id	PH - Free receptacle, cable collet and nut for fitting a bend relief
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)
Colour	Grey
Variant	Nut for fitting a bend relief
Weight	4.56 g

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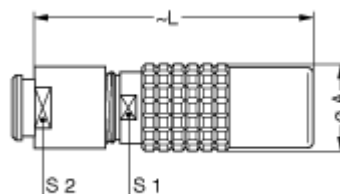
## Environment

Environmental sealing (IP rating)	IP50
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)
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	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	1.40 - 2.20 mm

## Drawings



## Dimensions

	S2	S1	L	A
mm.	6	5.5	34	6.8
in.	0.24	0.22	1.34	0.27

## Recommended By Lemo

### Accessories

Compatible cap

[BRF.00.200.NAS](#)

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