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Summary

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Number of contacts Low Voltage	10
Nb of contacts Fluidic	1
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	7.30 - 8.20 mm
Size	2B
Suggested matching part	FGG.2B.P15.CLAD82Z
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/phg-2b-p15-clld82z.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	10
Contact Termination Low voltage	Solder
Nb of contacts Fluidic	1
Contact Termination Fluidic	Solder
Insert configuration value	2B.P15 - 1 Fluidic with valve P1, 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Max pressure	6 bar (87.02 psi)
Test voltage (kV rms) Contact-contact	1.15
Test voltage (kV rms) Contact-shell	1.35
Tube Inner Dia.	1.8 mm (0.070)
Tube Outer Dia.	3.0 mm (0.118 in.)
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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Nut for fitting a bend relief
Weight	37.71 g

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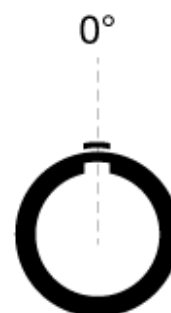
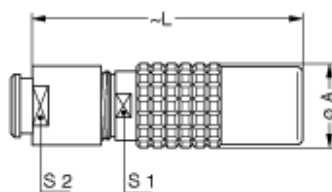
Environment

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 (max. temperature valid for short periods of use.)
Climatical Category	55/175/21
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]	7.30 - 8.20 mm

Drawings



Dimensions

	A	L	S2	S1
mm.	16.5	46	12	13
in.	0.65	1.81	0.47	0.51

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Recommended By Lemo

Accessories	
Compatible cap	BRF.2S.200.NAS
Tools	
Spanner	DCP.91.023.TN
Spanner wrench	DCD.2B.ZZZ.PA120