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## Summary

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Number of contacts Low Voltage	3
Socket / Receptacle	Socket / Receptacle - Elbow
Locking system	Push-pull
Size	00
Suggested matching part	<a href="#">FVB.00.303.CLAD27Z</a>
Series	B - Indoor keyed

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

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	PCB - Straight
Insert configuration value	00.303/XBG - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2 A
Test voltage contact-body shell	1 kV rms
Test voltage contact-contact	1 kV rms
Contact Type	Print (straight)
Contact Dia.	0.5
Number of contacts Low Voltage	3

## Form & Material

Shell style / Model id	XB - Elbow receptacle fixing nut for printed circuit (back panel mounting)
Socket / Receptacle	Elbow
Housing material	PPS (Polyphenylene) shell, other pieces nickel plated [SAE AMS QQ N 290] brass
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	4.49 g

## Environment

Environmental sealing (IP rating)	IP50
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	>144 hr

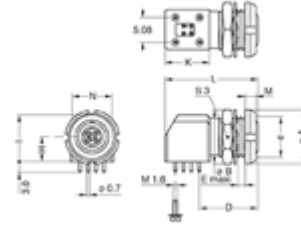
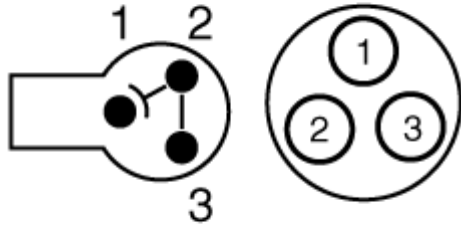
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## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet

## Drawings



## Dimensions

	A	B	D	e	E	H	I	K	L	M	N	S3
mm.	10	10.2	11.5	M7x0.5	2.1	3.5	7	8.7	19	2.5	7	9
in.	0.39	0.4	0.45		0.08	0.14	0.28	0.34	0.75	0.1	0.28	0.35

## Recommended By Lemo

### Tools

Spanner wrench

[DCB.91.455.0LN](#)

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