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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

https://www.lemo.com/int_en/xrb-00-303-nln.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	3
Contact Termination Low voltage	PCB - Straight
Insert configuration value	0.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	3 A
Vtest (contact-contact)	800 V (AC), 1130 V (DC)
Vtest (contact-shell)	950 V (AC), 1340 V (DC)
Contact Dia.	0.5

Form & Material

Shell style / Model id	XR - Elbow receptacle, fixing nut for printed circuit, short shell, threaded-fixing (back panel mounting)
Socket / Receptacle	Elbow
Housing material	Brass (nickel plated [SAE AMS QQ N 290]) shell, collet nut, latch sleeve and mid pieces
Locking system	Push-pull
Keying	B: 2 keys (alpha=60, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	3.97 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

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