



Image for illustrative purpose only

Summary

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[03 Series en](#)

Nb of contacts Coax	1
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Threaded
Size	3

https://www.lemo.com/int_en/pvn-03-250-cllc27.html

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Technical details

Electrical Configuration

Nb of contacts Coax	1
Contact Termination Coax - Conductor fixing	Solder
Insert configuration value	3.25 - 1 Coax (50 Ohm)
Rated current	4 A
Impedance	50 Ohms

Form & Material

Shell style / Model id	PVN - Free socket (coaxial) with cable collet
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	Threaded
Keying	3 keys (alpha=42, gamma=30, plug: male contacts, receptacle: female contacts)
Weight	11.83 g

Environment

Environmental sealing (IP rating)	IP68
Temperature range	-20°C / +200°C (max. temperature valid for short periods of use.)
Climatic Category	20/200/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	100 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Pressure	60 bars (120 bars with LEMO cable assembly)
Salt Spray Corrosion	>1000 hr

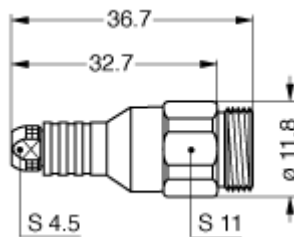
Cable fixation

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

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Drawings



Dimensions

	A	L	M	S1	S2
mm.	11.8	36.7	32.7	11	4.5
in.	0.46	1.44	1.29	0.43	0.18

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