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Summary

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Number of contacts Low Voltage	2
Wire Size/AWG	34 - 28
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Threaded
Size	3

https://www.lemo.com/int_en/pvg-03-302-cllk50.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	2
Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Insert configuration value	3.302 - 2 Low Voltage
Footprint IPC Class3 compatibility	No
Rated current	5 A
Max. Solid Conductor	0.09 mm ² (AWG 28)
Max. Stranded Conductor	0.05 mm ² (AWG 30)
Bucket Dia.	0.4 mm (0.016in)
Contact Dia.	0.5 mm (0.02in)
Wire Size/AWG	34 - 28

Form & Material

Shell style / Model id	PVG - Free socket oversize 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	G: 1 key (alpha=0, Plug: male contacts, Receptacle: female contacts)
Weight	14.31 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

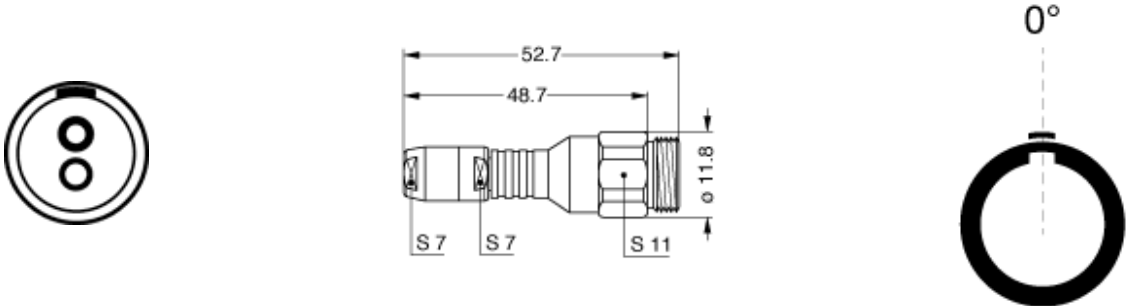
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Cable fixation

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

Drawings



Dimensions

	A	L	M	S1	S2	S3
mm.	11.8	52.7	48.7	11	7	7
in.	0.46	2.07	1.92	0.43	0.28	0.28