



Summary

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Number of contacts Low Voltage	19
Wire Size/AWG	24 - 24
Gender	Standard
Plug	Plug - Straight
Locking system	Threaded
Jacket cable outside diameter [mm]	7.10 - 7.50 mm
Size	2W
Matching parts	EVG.2W.319.CLN
Series	W - Underwater

Technical details

https://www.lemo.com/int_en/solutions/supreme/w-underwater/fvg-2w-319-clac75.html

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Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	6.1 mOhm
Insert configuration value	2W.319 - 19 Low Voltage
Rated current	5 Amps
Vtest (contact-contact)	950 V (AC) 1300 V (DC)
Vtest (contact-shell)	1250 V (AC) 1800 V (DC)
Contact Type	Solder
Max. Conductor	0.34 mm ² (AWG 22)
Max. Stranded Conductor	0.34 mm ² (AWG 22)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.028in)
Number of contacts Low Voltage	19
Wire Size/AWG	24 - 24
Gender	Standard

Form & Material

Shell style / Model id	FV - Straight plug, cable collet
Plug	Straight
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	1 key (alpha=0, Plug: male contacts, Receptacle: female contacts)
Weight	53.43 g

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	7.10 - 7.50 mm

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