



Summary

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Number of contacts Low Voltage	14
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Threaded
Jacket cable outside diameter [mm]	9.10 - 9.50 mm
Size	2W
Matching parts	EVG.2W.314.CLL
Series	W - Underwater

Technical details

https://www.lemo.com/int_en/solutions/supreme/w-underwater/fvg-2w-314-clak95.html

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Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	6.1 mOhm
Insert configuration value	2W.314 - 14 Low Voltage
Rated current	6.5 Amps
Vtest (contact-contact)	1150 V (AC) 1600 V (DC)
Vtest (contact-shell)	1350 V (AC) 1900 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	14
Wire Size/AWG	30 - 22
Gender	Standard

Form & Material

Shell style / Model id	FV_K - Straight plug, oversize 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	70.19 g

Environment

Technical domain	Specialties and Other
Environmental protection (IP rating)	IP68
Minimal temperature	-20°C / +200°C
Climatical Category	20/200/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Pressure	30 bars
Salt Spray Corrosion	>1000 hr

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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	9.10 - 9.50 mm

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