



Summary

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Fluidic	1
Wire Size/AWG	30 - 22
Gender	Reverse Gender
Plug	Plug - Straight
Locking system	Threaded
Jacket cable outside diameter [mm]	8.10 - 8.50 mm
Size	2W
Series	W - Underwater

Technical details

Electrical Configuration

Fluidic	1
Contact Type	Fluidic/Pneumatic
Contact Dia.	0.7
Wire Size/AWG	30 - 22
Gender	Reverse Gender

https://www.lemo.com/int_en/solutions/supreme/w-underwater/fvl-2w-012-cllc85.html

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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	2 keys (gamma=75, Plug: female contacts, Receptacle: male contacts)
Weight	52.52 g

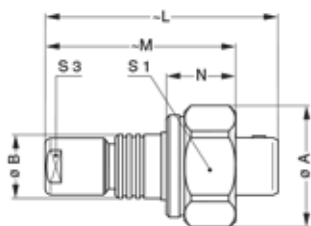
Environment

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

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	8.10 - 8.50 mm

Drawings



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Dimensions

	A	B	L	M	N	S1	S3
mm.	23.5	14.0	52.5	43.0	15.5	22	12
in.	0.93	0.55	2.07	1.69	0.61	0.87	0.47

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