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Summary

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Nb of contacts Fiber optic	10
Gender	Standard
Plug	Plug - Straight
Locking system	Threaded
Jacket cable outside diameter [mm]	11.60 - 12.50 mm
Size	5W
Suggested matching part	PVG.5W.03J.TLZC12
Series	W - Underwater

https://www.lemo.com/int_en/solutions/supreme/w-underwater/fvg-5w-03j-tlzc12.html

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Technical details

Electrical Configuration

Nb of contacts Fiber optic	10
Gender	Standard

Form & Material

Shell style / Model id	FV - Straight plug, cable collet
Plug	Straight
Housing material	Stainless steel shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Threaded
Keying	G: 1 key (alpha=0, Plug: male contacts, Receptacle: female contacts)
Colour	Grey
Weight	405.37 g

Environment

Technical domain	Specialties and Other
Environmental sealing (IP rating)	IP68
Endurance	1000 mating cycles
Temperature range	-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

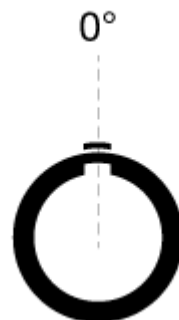
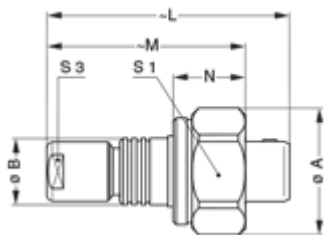
Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	11.60 - 12.50 mm

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Drawings



Dimensions

	A	B	L	M	N	S1	S3
mm.	50.0	34.0	100.0	83.0	21.0	47	30
in.	1.97	1.34	3.94	3.27	0.83	1.85	1.18

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