



Image for illustrative purpose only

Summary

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

https://www.lemo.com/int_en/solutions/supreme/w-underwater/pvg-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	PV - Free socket, cable collet
Socket / Receptacle	Free
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	380.73 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

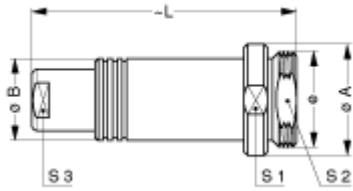
Cable fixation

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

Drawings

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Dimensions

	A	B	e	L	S1	S2	S3
mm.	48	34	M45x1.5	103	45	42.5	30
in.	1.89	1.34		4.06	1.77	1.67	1.18

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