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Summary

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Nb of contacts Triax	1
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.60 - 9.00 mm
Size	4M
Suggested matching part	FGG.4M.650.CTLC90

https://www.lemo.com/int_en/phg-4m-650-ctac90.html

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Technical details

Electrical Configuration

Nb of contacts Triax	1
Contact Termination Triax	Solder
Insert configuration value	4M.650 - 1 Triax (50 Ohm)
Insulator	T: PTFE
Rated current	26 A
Impedance	50 Ohm
Vtest	1800 V (AC), 2540 V (DC)
Contact Type	Triaxial 50 Ohm (Solder)

Form & Material

Shell style / Model id	PHG - Straight receptacle with cable collet
Socket / Receptacle	Free
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	Push-pull
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	167.03 g

Environment

Technical domain	Motorsport, Security and Defence, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP66
Climatical Category	55/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	85 dB (10 MHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

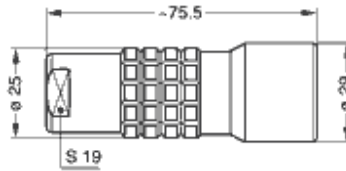
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Cable fixation

Cable termination protection	Heatshrink
Fixation type	Cable collet
Jacket cable outside diameter [mm]	8.60 - 9.00 mm

Drawings



Dimensions

	A	B	L	S2
mm.	29	25	75.5	19
in.	1.14	0.98	2.97	0.75

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