



Summary

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Number of contacts Low Voltage	22
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	13.10 - 14.00 mm
Size	5S
Suggested matching part	ERA.5S.322.CLL
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/fla-5s-322-clac14.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	5S.322 - 2 (3 mm) + 20 (1.6 mm) Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2x3.0 contacts: 16 Amps and 20x1.6 contacts: 9 A
Contact Type	Solder
Number of contacts Low Voltage	22

Form & Material

Shell style / Model id	FLA - Elbow plug, cable collet
Plug	Elbow
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	Hermaphroditic keying (half moon insert) with male pin 1
Colour	Gray
Weight	455.3 g

Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

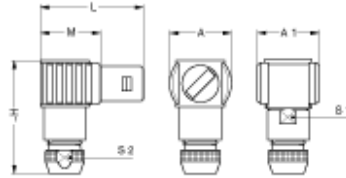
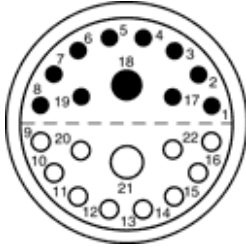
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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	13.10 - 14.00 mm

Drawings



Dimensions

	H	L	M	S1	S2	A1
mm.	76.5	65	40	30	29	37
in.	3.01	2.56	1.57	1.18	1.14	1.46

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