



Summary

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Low Voltage	5
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	9.10 - 10.00 mm
Size	4S
Matching parts	ERA.4S.305.CLL
Series	S - Indoor Stepped Insert

Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	4S.305 - 2 (3 mm) + 3 (2 mm) Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	16 Amps
Vtest	2100 V (AC), 3000 V (DC)
Contact Type	Solder
Low Voltage	5

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-4s-305-clac10.html

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Form & Material

Shell style / Model id	FFA - 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	Push-pull
Keying	Hermaphroditic keying (half moon insert) with male pin 1
Weight	136.49 g

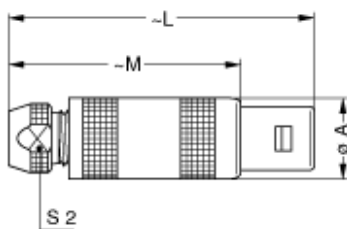
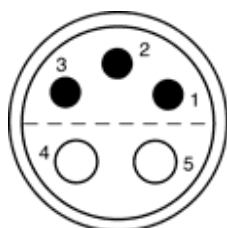
Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental protection (IP rating)	IP50
Minimal temperature	-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

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	9.10 - 10.00 mm

Drawings



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Dimensions

	A	M	S2	L
mm.	24.8	59	19	77
in.	0.98	2.32	0.75	3.03