



Summary

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Number of contacts Low Voltage	9
Plug	Plug - Straight
Locking system	Push-pull
Size	3S
Matching parts	ERA.3S.309.CYLZ
Series	S - Indoor Stepped Insert

Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
Insulator	Y: PEEK for crimp contacts
Contact Type	Solder
Number of contacts Low Voltage	9

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffp-3s-309-cyaz.html

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Form & Material

Shell style / Model id	FFP - Straight plug, cable collet and inner anti-rotating device
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	42.58 g

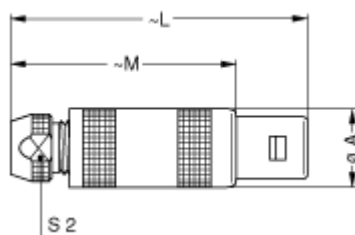
Environment

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

Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet

Drawings



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Dimensions

	L	M	S2	A
mm.	61	46	14	17.8
in.	2.4	1.81	0.55	0.7

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