



Summary

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Number of contacts Low Voltage	1
Wire Size/AWG	16 - 8
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	12.60 - 13.00 mm
Size	4S
Matching parts	FFA.4S.160.CLAC13
Series	S - Indoor Stepped Insert

Technical details

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-4s-160-cllc13.html

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Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	4S.160 - 1 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	70 Amps
Vtest (contact-contact)	2700 V (AC), 3900 V (DC)
Vtest (contact-shell)	2700 V (AC), 3900 V (DC)
Contact Type	Solder
Contact Dia.	6
Number of contacts Low Voltage	1
Wire Size/AWG	16 - 8

Form & Material

Shell style / Model id	PSA - Fixed receptacle, nut fixing, cable collet
Socket / Receptacle	Fixed Panel Front Mounted
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	Circular, female
Weight	139.64 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

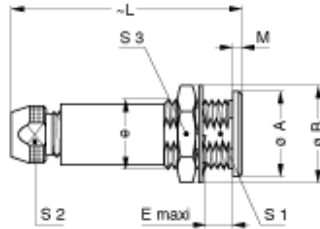
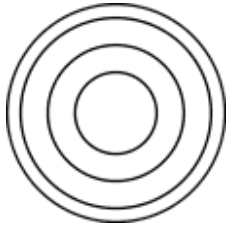
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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	12.60 - 13.00 mm

Drawings



Dimensions

	A	B	e	E	L	M	S1	S2	S3
mm.	28	32	M25x1.0	12	75	2.5	23.5	19	30
in.	1.1	1.26		0.47	2.95	0.1	0.93	0.75	1.18

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