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Summary

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Number of contacts Low Voltage	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 10.60 mm
Size	1S
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ecp-1s-120-ctl.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	1S.120 - 1 Low Voltage
Insulator	T: PTFE
Rated current	18 A
Vtest (contact-contact)	1800 V (AC), 2550 V (DC)
Vtest (contact-shell)	1800 V (AC), 2550 V (DC)
Contact Type	Solder
Number of contacts Low Voltage	1

Form & Material

Shell style / Model id	ECP - Fixed receptacle with two nuts, long threaded shell (back panel mounting)
Socket / Receptacle	Fixed Panel Rear 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
Colour	Grey
Weight	10.89 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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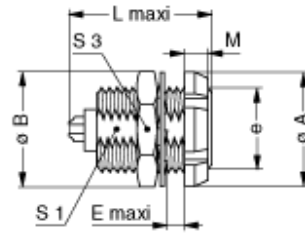
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Cable fixation

Jacket cable outside diameter [mm]

1.00 - 10.60 mm

Drawings



Dimensions

	A	B	e	E	L	M	S1	S3
mm.	16	15.8	M12x1.0	10	20.5	3.5	10.5	14
in.	0.63	0.62		0.39	0.81	0.14	0.41	0.55

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