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Summary

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Number of contacts Low Voltage	5
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	9.10 - 10.00 mm
Size	4S
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psp-4s-305-cllc10.html

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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	2x3.0 contacts : 22 Amps and 3x2.0 contacts : 16 A
Vtest	2100 V (AC), 3000 V (DC)
Contact Type	Solder
Number of contacts Low Voltage	5

Form & Material

Shell style / Model id	PSP - Fixed receptacle, nut fixing, cable collet and inner anti-rotating device
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	Hermaphroditic keying (half moon insert) with female pin 1
Colour	Grey
Weight	147.27 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

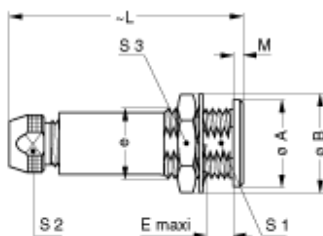
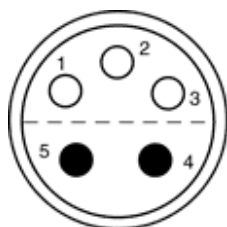
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Cable fixation

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