



Summary

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Number of contacts Low Voltage	3
Wire Size/AWG	20 - 12
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.60 - 7.00 mm
Size	4E
Series	E - Outdoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/psa-4e-303-cllc70.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	4E.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	25 A
Vtest	2100 V (AC), 2970 V (DC)
Contact Type	Solder
Bucket Dia.	2.7
Contact Dia.	3
Number of contacts Low Voltage	3
Wire Size/AWG	20 - 12

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, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	Hermaphroditic keying (half moon insert) with female pin 1
Weight	182.8 g

Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

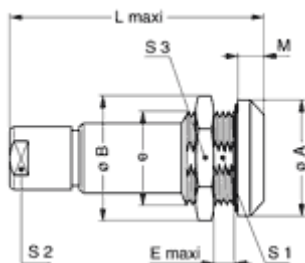
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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	6.60 - 7.00 mm

Drawings



Dimensions

	A	B	e	E	L	M	S1	S2	S3
mm.	37	41.5	M30x1.5	9	75.5	6.5	28.5	19	36
in.	1.46	1.63		0.35	2.97	0.26	1.12	0.75	1.42

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