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Summary

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Number of contacts Low Voltage	7
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.30 - 18.60 mm
Size	2E
Series	E - Outdoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/era-2e-307-sll.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	7
Contact Termination Low voltage	Solder
Insert configuration value	2E.307 - 3 (1.3 mm) + 4 (0.9 mm) Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	1.3 mm : 12 A, 0.9 mm : 9 A
Test voltage (kV DC)	1.2
Bucket Dia.	3x1.0 mm, 4x0.8 mm
Contact Dia.	3x1.3 mm, 4x0.9 mm
Wire Size/AWG details	1.3 mm : 20 (AWG max), 0.9 mm : 22 (AWG max)

Form & Material

Shell style / Model id	ERA - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Stainless steel 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

Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C (max. temperature valid for short periods of use.)
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]

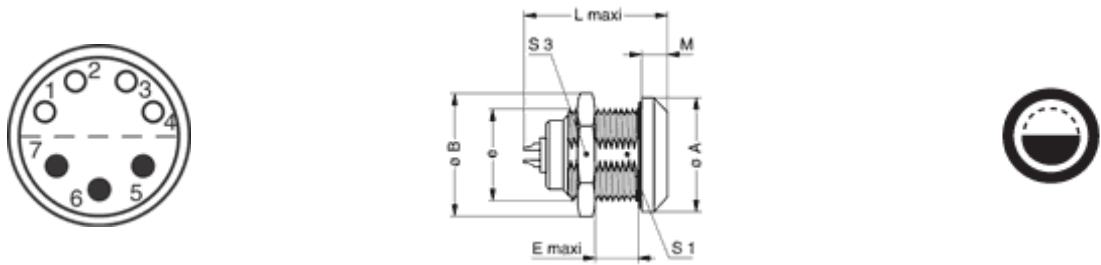
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Cable fixation

Jacket cable outside diameter [mm]	1.30 - 18.60 mm
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Drawings



Dimensions

	A	B	e	E	L	M	S1	S3
mm.	25	27.5	M20x1.0	9	28.5	5	18.5	24
in.	0.98	1.08		0.35	1.12	0.2	0.73	0.94

Recommended By Lemo

Accessories

Compatible cap	BRE.2K.200.SAS
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