



Summary

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Number of contacts Low Voltage	2
Wire Size/AWG	20 - 18
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.30 - 14.60 mm
Size	1E
Series	E - Outdoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/eep-1e-302-cym.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Crimp
Insert configuration value	1E.302 - 2 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	15 A
Vtest	1200 V (AC), 1800 V (DC)
Contact Type	Crimp
Contact Dia.	1.3
Number of contacts Low Voltage	2
Wire Size/AWG	20 - 18

Form & Material

Shell style / Model id	EFP - Fixed receptacle, nut fixing (back panel mounting)
Socket / Receptacle	Fixed Panel Rear 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	20.18 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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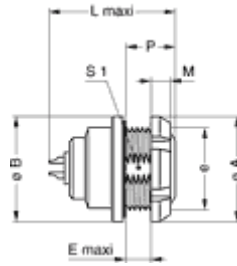
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Cable fixation

Jacket cable outside diameter [mm]

1.30 - 14.60 mm

Drawings



Dimensions

	S1	A	P	M	L	E	e	B
mm.	14.5	20	10	3.5	24	6.5	M16x1.0	20
in.	0.57	0.79	0.39	0.14	0.94	0.26		0.79

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