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Summary

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Number of contacts High Voltage	1
Wire Size/AWG	32 - 24
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 8.30 mm
Size	0S
Suggested matching part	FFR.0S.405.CLA48
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-0s-405-cll.html

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Technical details

Electrical Configuration

Number of contacts High Voltage	1
Contact Termination High voltage	Solder
Insert configuration value	0S.405 - 1 High Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	4 A
Rear of connector must be protected	ATUM
Test voltage (kV DC)	12
Creepage distance	13.5 mm
Contact Dia.	0.7
Wire Size/AWG	32 - 24

Form & Material

Shell style / Model id	ERA - Fixed receptacle, nut fixing
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	Circular, female
Colour	Grey
Weight	4.01 g

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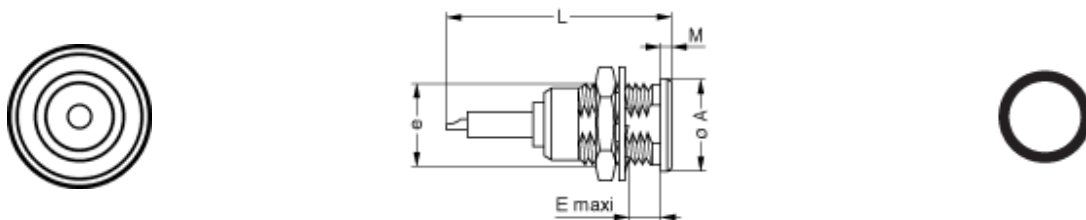
Environment

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 (max. temperature valid for short periods of use.)
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

Cable fixation

Jacket cable outside diameter [mm]	1.00 - 8.30 mm
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Drawings



Dimensions

	A	e	E	L	M
mm.	10	M9x0.6	7	25.1	1.2
in.	0.39		0.28	0.99	0.05

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Recommended By Lemo

Accessories

Compatible cap

[BRE.OS.200.NAS](#)

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