



*Image for illustrative purpose only*

## Summary

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Number of contacts High Voltage	1
Locking system	Push-pull
Size	0S
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/rad-0s-403-ctl.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/rad-0s-403-ctl.html)

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# Technical details

## Electrical Configuration

Insert configuration value	0S.403 - 1 High Voltage
Insulator	T: PTFE
Rated current	4 A
Test voltage (kV DC)	6
Contact Type	Solder
Air clearance	6.8 mm
Creepage distance	7 mm
Contact Dia.	0.9
Number of contacts High Voltage	1

## Form & Material

Shell style / Model id	RAD - Fixed coupler, nut fixing
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	5.6 g

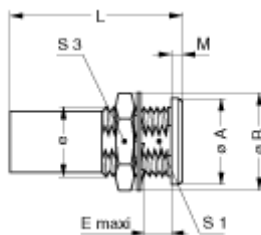
## Environment

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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# Drawings



## Dimensions

	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>S1</b>	<b>S2</b>
mm.	10	12.5	M9x0.6	7	25	1.2	8.2	11
in.	0.39	0.49		0.28	0.98	0.05	0.32	0.43

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