



Summary

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High Voltage	1
Wire Size/AWG	30 - 22
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.80 - 4.40 mm
Matching parts	ERA.0S.403.CLL
Series	S - Indoor Stepped Insert

Technical details

Electrical Configuration

Termination	Solder
Insert configuration value	0S.403 - 1 High Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	4 Amps
Test voltage (kV AC)	4.2
Contact Type	Solder
Air clearance	6.8 mm
Creepage distance	7 mm
Contact Dia.	0.9
High Voltage	1
Wire Size/AWG	30 - 22

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffb-0s-403-clac42.html

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Form & Material

Shell style / Model id	FFB - Straight plug, cable collet and safety locking ring
Plug	Straight
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, male
Weight	8.29 g

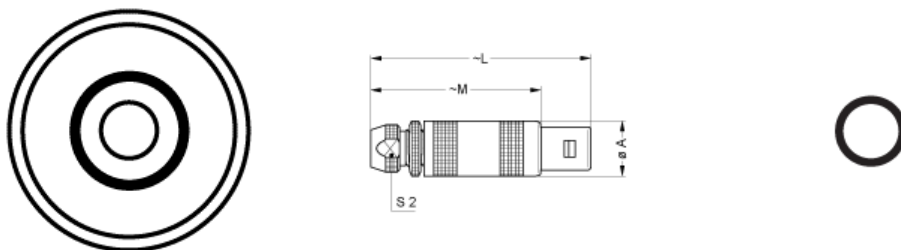
Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental protection	IP50
Temp (min / max)	-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	>144 hr

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	3.80 - 4.40 mm

Drawings



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Dimensions

	A	L	M	S2
mm.	9	36.8	26.8	6.5
in.	0.35	1.45	1.06	0.26

Recommended By Lemo

Accessories

Tools

Spanner wrench

[DCD.0S.ZZZ.PA065](#)

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