

Standard



Image for illustrative purpose only

Summary

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SE series

Number of contacts Low Voltage	12
Locking system	Push-pull
Size	3S
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/swh-3s-312-cllpv.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	12
Insert configuration value	3S.312 - 12 Low Voltage
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8 A
Test voltage (kV DC)	2.1
Contact Dia.	0.9

Form & Material

Shell style / Model id	SWH - Fixed coupler, nut fixing, watertight or vacuum-tight
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	Hermaphroditic keying, pin 1 female on flange side, male on other side
Colour	Grey
Variant	Watertight / Vacuum-tested unmated (connector to device)
Weight	82.07 g

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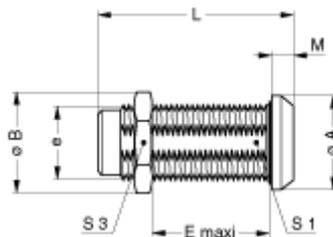
Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	Hermetic unmated
Endurance	5000 mating cycles
Temperature range	-20°C / +80°C
Climatic Category	20/80/21
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]
Pressure	30 bars
R leak (He) (max)	10 ⁻⁷ mbar·l/s (if vacuum-tested)
Salt Spray Corrosion	>1000 hr

Cable fixation

Panel Drill Hole	M20
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Drawings



Dimensions

	A	B	e	E	L	M	S1	S3
mm.	25	27	M20x1.0	30	53	4	18.5	24
in.	0.98	1.06		1.18	2.09	0.16	0.73	0.94

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Recommended By Lemo

Accessories

Compatible cap

[BRE.3S.200.NAS](#)

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