



## Summary

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Nb of contacts Triax	1
Locking system	Push-pull
Size	0E
Series	E - Outdoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/swh-0e-650-ctmsv.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/swh-0e-650-ctmsv.html)

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# Technical details

## Electrical Configuration

Nb of contacts Triax	1
Insert configuration value	0E.650 - 1 Triax (50 Ohm)
Insulator	T: PTFE
Rated current	6 A
Impedance	50 Ohm
VSWR	1.03 + 0.34 * f/GHz
Vtest	1200 V (AC), 1690 V (DC)
Cable type	RGT 178, RGT 174

## Form & Material

Shell style / Model id	SWH - Fixed coupler, nut fixing, watertight or vaccumtight, special potting
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	Circular, female
Variant	Watertight / Vacuum-tested unmated (connector to device), special potting

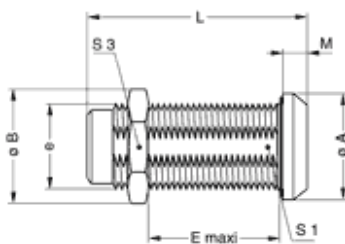
## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	Hermetic unmated
Endurance	5000 mating cycles
Climatical Category	20/80/21
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]
R leak (He) (max)	0.0000001 mbar*l/s (if vacuum-tested)
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>S3</b>
mm.	18	19.5	M14x1.0	22.5	36	4	12.5	17
in.	0.71	0.77		0.89	1.42	0.16	0.49	0.67

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