

Standard



*Image for illustrative purpose only*

## Summary

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[Coax triax mixed en](#)

Nb of contacts Triax	1
Locking system	Push-pull
Panel Drill Hole	M14
Size	0E
Series	E - Outdoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/swh-0e-650-ctmpv.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/swh-0e-650-ctmpv.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 Ohms
VSWR	$1.03 + 0.34 * f/\text{GHz}$
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 vacuum-tight
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
Colour	Grey
Variant	Watertight / Vacuum-tested unmated (connector to device)
Weight	27.49 g
Panel Drill Hole	M14

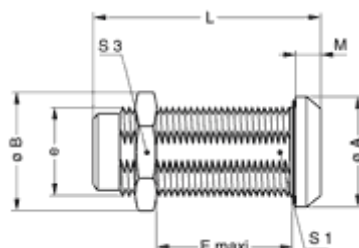
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## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	Hermetic unmated
Endurance	5000 mating cycles
Temperature range	-20°C / +100°C
Climatic 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]
Pressure	60 bars
R leak (He) (max)	10 <sup>-7</sup> mbar·l/s (if vacuum-tested)
Salt Spray Corrosion	>1000 hr

## Drawings



## Dimensions

	A	B	e	E	L	M	S1	S3
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

## Recommended By Lemo

### Accessories

Compatible cap	<a href="#">BRE.0K.200.NAS</a>
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