



## Summary

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Number of contacts Low Voltage	48
Locking system	Push-pull
Size	5E
Series	E - Outdoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/swh-5e-348-cllpv.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/swh-5e-348-cllpv.html)

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# Technical details

## Electrical Configuration

Insert configuration value	5E.348 - 48 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6 A
Vtest	1200 V (AC), 1700 V (DC)
Contact Type	Solder
Contact Dia.	1.3
Number of contacts Low Voltage	48

## 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	Hermaphroditic keying, pin 1 female on flange side, male on other side
Variant	Watertight / Vacuum-tested unmated (connector to device)
Weight	576.91 g

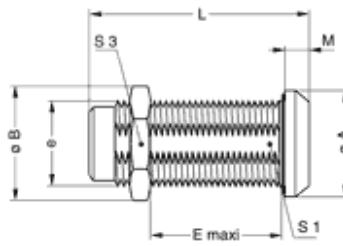
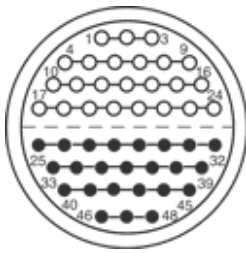
## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	Hermetic unmated
Endurance	5000 mating cycles
Temperature range	-20°C / +80°C
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]
Pressure	5 bars
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>
mm.	55	54	M45x1.5	47	81	9	42.5
in.	2.17	2.13		1.85	3.19	0.35	1.67

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