



## Summary

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Number of contacts Low Voltage	6
Locking system	Push-pull
Size	4E
Series	E - Outdoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/swh-4e-306-clmpv.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/swh-4e-306-clmpv.html)

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# Technical details

## Electrical Configuration

Insert configuration value	4E.306 - 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	16 A
Vtest	2100 V (AC), 2970 V (DC)
Contact Type	Crimp
Contact Dia.	2
Number of contacts Low Voltage	6

## 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, female on other side
Variant	Watertight / Vacuum-tested unmated (connector to device)
Weight	231.94 g

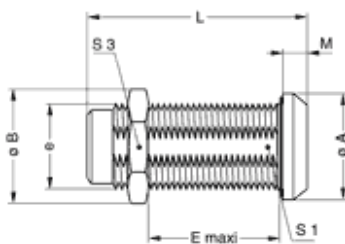
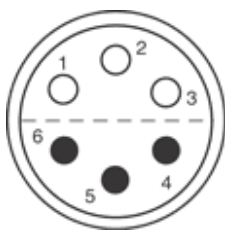
## Environment

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	15 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>	<b>S3</b>
mm.	37	41.5	M30x1.0	44.5	70	6.5	28.5	36
in.	1.46	1.63		1.75	2.76	0.26	1.12	1.42

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