



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	6
Locking system	Push-pull
Size	1E
Series	E - Outdoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/swh-1e-306-cllp.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/swh-1e-306-cllp.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	6
Insert configuration value	1E.306 - 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 A
Test voltage (kV DC)	1.7
Contact Dia.	0.7 mm (0.03in)

## 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
Colour	Grey
Variant	Watertight unmated (connector to device)
Weight	43.02 g

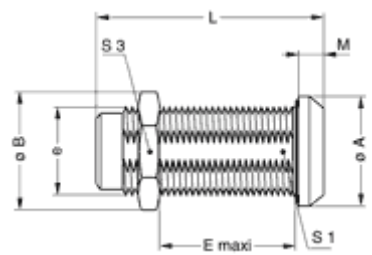
## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-20°C / +100°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	60 bars
Salt Spray Corrosion	>1000 hr

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# Drawings



## Dimensions

	A	B	e	E	L	M	S1	S3
mm.	20	21.5	M16x1.0	30.5	47	4.5	14.5	19
in.	0.79	0.85		1.2	1.85	0.18	0.57	0.75

# Recommended By Lemo

## Accessories

Compatible cap	<a href="#">BRE.1K.200.NAS</a>
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