



Summary

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Number of contacts Low Voltage	5
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-305-cllsv.html

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Technical details

Electrical Configuration

Insert configuration value	1E.305 - 2 (0.9 mm) + 3 (0.7 mm) Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2x0.9 contacts : 10 Amps and 3x0,7 contacts : 7 A
Vtest	1500 V (AC), 2100 V (DC)
Contact Type	Solder
Number of contacts Low Voltage	5

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	Hermaphroditic keying, pin 1 female on flange side, male on other side
Variant	Watertight / Vacuum-tested unmated (connector to device), special potting

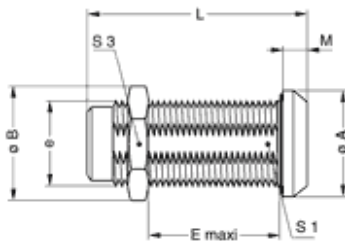
Environment

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

	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

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