



Image for illustrative purpose only

Summary

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| | |
|--------------------------------|----------------------------|
| Number of contacts Low Voltage | 6 |
| Locking system | Push-pull |
| Size | 2E |
| Series | E - Outdoor Stepped Insert |

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/swh-2e-306-cllp.html

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Technical details

Electrical Configuration

| | |
|--------------------------------|---------------------------|
| Insert configuration value | 2E.306 - 6 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 12 A |
| Vtest | 1500 V (AC), 2100 V (DC) |
| Contact Type | Solder |
| Contact Dia. | 1.3 |
| 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, male on other side |
| Colour | Grey |
| Variant | Watertight unmated (connector to device) |
| Weight | 82.37 g |

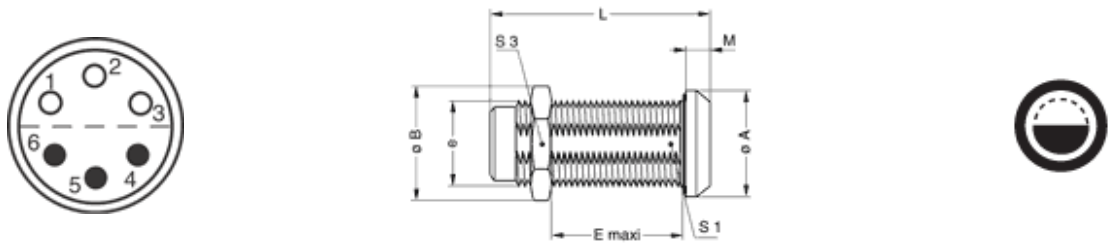
Environment

| | |
|-----------------------------------|---|
| Technical domain | Energy and Industrial, Test and Measurement |
| Environmental sealing (IP rating) | IP68 |
| 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 | 40 bars |
| Salt Spray Corrosion | >1000 hr |

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Drawings



Dimensions

| | A | B | e | E | L | M | S1 | S3 |
|-----|------|------|---------|-----|------|-----|------|------|
| mm. | 25 | 27.5 | M20x1.0 | 28 | 52.4 | 5 | 18.5 | 24 |
| in. | 0.98 | 1.08 | | 1.1 | 2.06 | 0.2 | 0.73 | 0.94 |

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