



*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](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

|                                |                           |
|--------------------------------|---------------------------|
| Number of contacts Low Voltage | 6                         |
| Insert configuration value     | 2E.306 - 6 Low Voltage    |
| Insulator                      | L: PEEK (UL 94 / V-0/1.5) |
| Rated current                  | 12 A                      |
| Test voltage (kV DC)           | 2.1                       |
| Contact Dia.                   | 1.3                       |

## 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                                                                                                                    |

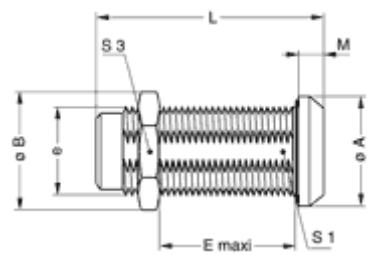
## Environment

|                                   |                                             |
|-----------------------------------|---------------------------------------------|
| 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 |

# Recommended By Lemo

## Accessories

|                |                                |
|----------------|--------------------------------|
| Compatible cap | <a href="#">BRE.2K.200.NAS</a> |
|----------------|--------------------------------|