



Image for illustrative purpose only

## Summary

[Request a quote](#)

[Catalog](#)

|                                |                           |
|--------------------------------|---------------------------|
| Number of contacts Low Voltage | 2                         |
| Locking system                 | Push-pull                 |
| Size                           | 2S                        |
| Series                         | S - Indoor Stepped Insert |

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/rma-2s-302-cll.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/rma-2s-302-cll.html)

LEMO products and services are provided “as is”. LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Technical details

## Electrical Configuration

|                                |                           |
|--------------------------------|---------------------------|
| Number of contacts Low Voltage | 2                         |
| Insert configuration value     | 2S.302 - 2 Low Voltage    |
| Insulator                      | L: PEEK (UL 94 / V-0/1.5) |
| Rated current                  | 20 A                      |
| Test voltage (kV DC)           | 2.4                       |
| Contact Dia.                   | 1.6                       |

## Form & Material

|                        |                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shell style / Model id | RMA - Free coupler                                                                                                            |
| Housing material       | Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Locking system         | Push-pull                                                                                                                     |
| Keying                 | Hermaphroditic keying, pin 1 female on flange side, male on other side                                                        |
| Colour                 | Grey                                                                                                                          |
| Weight                 | 19.6 g                                                                                                                        |

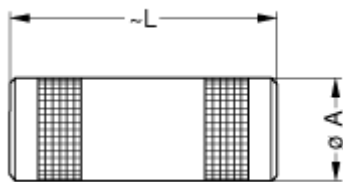
## Environment

|                                   |                                                                         |
|-----------------------------------|-------------------------------------------------------------------------|
| Technical domain                  | Audio Video, Energy and Industrial, Semiconductor, Test and Measurement |
| Environmental sealing (IP rating) | IP50                                                                    |
| Endurance                         | 5000 mating cycles                                                      |
| Temperature range                 | -55°C / +250°C (max. temperature valid for short periods of use.)       |
| Climatical Category               | 55/175/21                                                               |
| Humidity (max)                    | <=95% [at 60 deg C /140 F]                                              |
| Shielding (min)                   | 75 dB (10 MHz)                                                          |
| Shielding (min)                   | 40 dB (1 GHz)                                                           |
| Shock Resistance                  | 100 g [ 6 ms]                                                           |
| Vibration                         | 15 g [10 Hz - 2000 Hz]                                                  |
| Salt Spray Corrosion              | >1000 hr                                                                |

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/rma-2s-302-cll.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/rma-2s-302-cll.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Drawings



## Dimensions

|     | A    | L    |
|-----|------|------|
| mm. | 14.8 | 31.5 |
| in. | 0.58 | 1.24 |