



Summary

[Request a quote](#)

[Catalog](#)

| | |
|------------------------------------|--------------------------------|
| Low Voltage | 2 |
| Wire Size/AWG | 30 - 22 |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 4.10 - 4.50 mm |
| Size | 0E |
| Matching parts | ERA.0E.302.CLL |
| Series | E - Outdoor Stepped Insert |

Technical details

Electrical Configuration

| | |
|---------------------------------|-------------------------------|
| Contact Termination Low voltage | Solder |
| R (max) | 4.8 mOhm |
| Insert configuration value | 0E.302 - 2 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 10 Amps |
| Vtest | 1500 V (AC), 2100 V (DC) |
| Contact Type | Solder |
| Max. Solid Conductor | 0.34 mm ² (AWG 22) |
| Bucket Dia. | 0.8 mm (0.031in) |
| Contact Dia. | 0.9 mm (0.0354in) |
| Low Voltage | 2 |
| Wire Size/AWG | 30 - 22 |

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/ffa-0e-302-clac45.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.

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | FFA - Straight plug, cable collet |
| Plug | Straight |
| 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 (half moon insert) with male pin 1 |
| Weight | 11.74 g |

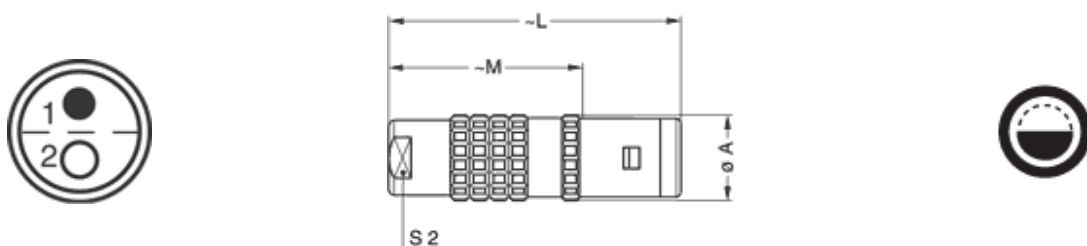
Environment

| | |
|--------------------------------------|---|
| Technical domain | Energy and Industrial, Test and Measurement |
| Environmental protection (IP rating) | IP68 |
| Minimal temperature | -55°C / +200°C |
| Climatical Category | 50/175/21 |
| 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] |
| Salt Spray Corrosion | >1000 hr |

Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 4.10 - 4.50 mm |

Drawings



https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/ffa-0e-302-clac45.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.

Dimensions

| | S2 | M | A | L |
|-----|-----------|----------|----------|----------|
| mm. | 8 | 23 | 11 | 34 |
| in. | 0.31 | 0.91 | 0.43 | 1.34 |

Recommended By Lemo

Accessories

Compatible cap [BFA.0E.100.NAS](#)

Tools

Spanner wrench [DCD.0E.ZZZ.PA080](#)

Cables

| Cable PartNumber | Material | Colour | Cable image |
|-------------------------|-----------------|---------------|---|
| 120250 | PVC | Grey |  |
| 20260 | PVC | Black |  |

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/ffa-0e-302-clac45.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.