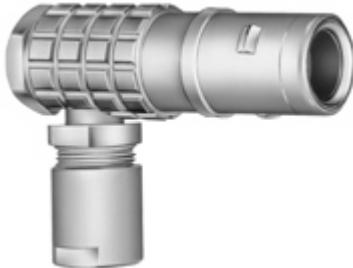


Special*Image for illustrative purpose only*

Summary

[Request a quote](#)[SE series](#)

| | |
|------------------------------------|--------------------------------|
| Number of contacts Low Voltage | 6 |
| Wire Size/AWG | 28 - 20 |
| Plug | Plug - Elbow |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 10.10 - 10.50 mm |
| Size | 3E |
| Suggested matching part | ERA.3E.306.CLL |
| Series | E - Outdoor Stepped Insert |

Technical details

Electrical Configuration

| | |
|---------------------------------|------------------------------|
| Number of contacts Low Voltage | 6 |
| Contact Termination Low voltage | Solder |
| R (max) | 3.6 mOhm |
| Insert configuration value | 3E.306 - 6 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 14 A |
| Test voltage (kV DC) | 3 |
| Max. Solid Conductor | 0.5 mm ² (AWG 20) |
| Max. Stranded Conductor | 0.5 mm ² (AWG 20) |
| Bucket Dia. | 1 mm (0.039in) |
| Contact Dia. | 1.3 mm (0.051in) |
| Wire Size/AWG | 28 - 20 |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | FLA - Elbow plug, cable collet |
| Plug | Elbow |
| 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 |
| Colour | Grey |
| Weight | 99.81 g |

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/fla-3e-306-clac11.html

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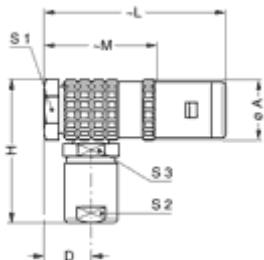
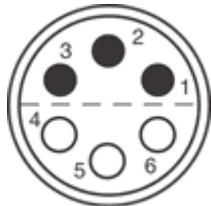
Environment

| | |
|-----------------------------------|---|
| Technical domain | Energy and Industrial, Test and Measurement |
| Environmental sealing (IP rating) | IP68 |
| Endurance | 5000 mating cycles |
| Temperature range | -55°C / +200°C (max. temperature valid for short periods of use.) |
| Climatic 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] | 10.10 - 10.50 mm |

Drawings



Dimensions

| | A | D | H | L | M | S1 | S2 | S3 |
|-----|----------|----------|----------|----------|----------|-----------|-----------|-----------|
| mm. | 21 | 11.5 | 47 | 60 | 40 | 18 | 15 | 16 |
| in. | 0.83 | 0.45 | 1.85 | 2.36 | 1.57 | 0.71 | 0.59 | 0.63 |

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/fla-3e-306-clac11.html

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Recommended By Lemo

Accessories

Compatible cap

BFA.3E.100.NAS

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