



Image for illustrative purpose only

Summary

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| | |
|------------------------------------|--|
| Nb of contacts Triax | 1 |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 2.60 - 22.60 mm |
| Size | 3E |
| Series | E - Outdoor Stepped Insert |

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/eep-3e-675-ctl.html

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Technical details

Electrical Configuration

| | |
|----------------------------|---|
| Nb of contacts Triax | 1 |
| Contact Termination Triax | Solder |
| Insert configuration value | 3E.675 - 1 Triax (75 Ohm) |
| Insulator | T: PTFE |
| Rated current | 6 A |
| Impedance | 75 Ohm |
| OHM | 75 |
| VSWR | 1.02 + 0.05 * f/GHz |
| Vtest | 1200 V (AC), 1690 V (DC) |
| Contact Type | Triaxial 75 Ohm (Solder) |
| Cable type | Belden 8215,8232A,HF-2426,Triax 8 Nokia,375 029 LEDE, Belden 9267 |
| Contact Dia. | 0.9 mm (0.035in) |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | EFP - Fixed receptacle, nut fixing (back panel mounting) |
| Socket / Receptacle | Fixed Panel Rear Mounted |
| 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 | Circular, female |
| Colour | Grey |
| Weight | 63.62 g |

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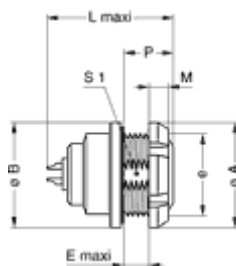
Environment

| | |
|-----------------------------------|---|
| Technical domain | Energy and Industrial, Test and Measurement |
| Environmental sealing (IP rating) | IP68 |
| Endurance | 5000 mating cycles |
| Temperature range | -55°C / +200°C |
| 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

| | |
|------------------------------------|-----------------|
| Jacket cable outside diameter [mm] | 2.60 - 22.60 mm |
|------------------------------------|-----------------|

Drawings



Dimensions

| | S1 | A | P | M | L | E | e | B |
|-----|-----------|----------|----------|----------|----------|----------|----------|----------|
| mm. | 22.5 | 30 | 12 | 4.5 | 34 | 7.5 | M24x1.0 | 31 |
| in. | 0.89 | 1.18 | 0.47 | 0.18 | 1.34 | 0.3 | | 1.22 |

Recommended By Lemo

Accessories

| | |
|----------------|--------------------------------|
| Compatible cap | BRE.3K.200.NAS |
|----------------|--------------------------------|

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