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## Summary

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|                                    |   |
|------------------------------------|---|
| Nb of contacts Triax               | 1   |
| Socket / Receptacle                | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system                     | Push-pull                                       |
| Jacket cable outside diameter [mm] | 1.30 - 18.60 mm                                 |
| Size                               | 2E  |
| Suggested matching part            | <a href="#">FFA.2E.675.CLAC40</a>               |
| Series                             | E - Outdoor Stepped Insert                      |

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/era-2e-675-cll.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/era-2e-675-cll.html)

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# Technical details

## Electrical Configuration

|                            |   |
|----------------------------|---|
| Nb of contacts Triax       | 1   |
| Contact Termination Triax  | Solder  |
| Insert configuration value | 2E.675 - 1 Triax (75 Ohm)                                     |
| Insulator                  | L: PEEK (UL 94 / V-0/1.5)                                     |
| Rated current              | 6 A   |
| Impedance                  | 75 Ohm  |
| OHM                        | 75  |
| VSWR                       | 1.02 + 0.07 * f/GHz   |
| Vtest                      | 1200 V (AC), 1690 V (DC)                                      |
| Cable type                 | Belden 8215,8232A,HF-2426,Triax 8 Nokia,375 029 LEDE, RGT 179 |
| Contact Dia.               | 0.9 mm (0.035in)  |

## Form & Material

|                        |  |
|------------------------|--|
| Shell style / Model id | ERA - Fixed receptacle, nut fixing   |
| Socket / Receptacle    | Fixed Panel Front 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                 | 36.19 g  |

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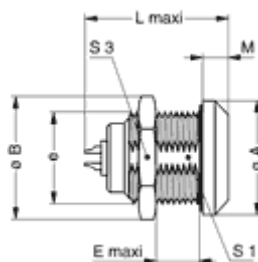
## Environment

|                                   |   |
|-----------------------------------|---|
| 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] | 1.30 - 18.60 mm |
|------------------------------------|-----------------|

## Drawings



## Dimensions

|     | <b>A</b> | <b>B</b> | <b>e</b> | <b>E</b> | <b>L</b> | <b>M</b> | <b>S1</b> | <b>S3</b> |
|-----|----------|----------|----------|----------|----------|----------|-----------|-----------|
| mm. | 25       | 27.5     | M20x1.0  | 9        | 28.5     | 5        | 18.5      | 24        |
| in. | 0.98     | 1.08     |          | 0.35     | 1.12     | 0.2      | 0.73      | 0.94      |

## Recommended By Lemo

### Accessories

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

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