



*Image for illustrative purpose only*

## Summary

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|                                    |  |
|------------------------------------|--|
| Nb of contacts Coax                | 4  |
| Number of contacts Low Voltage     | 9  |
| Gender                             | Standard                                       |
| Socket / Receptacle                | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system                     | Push-pull                                      |
| Jacket cable outside diameter [mm] | 4.00 - 28.60 mm                                |
| Size                               | 4K   |
| Series                             | K - Outdoor keyed                              |

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eeg-4k-879-kll1.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-4k-879-kll1.html)

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# Technical details

## Electrical Configuration

|                                 |                                    |
|---------------------------------|------------------------------------|
| Contact Termination Low voltage | Solder                             |
| Nb of contacts Coax             | 4                                  |
| Contact Termination Coax        | Crimp                              |
| R (max)                         | 5.8 mOhm                           |
| Insert configuration value      | 4K.879 - 4 Coax (50 Ohm), 9 Low V. |
| Insulator                       | L: PEEK (UL 94 / V-0/1.5)          |
| Rated current                   | 7 A                                |
| Test voltage (kV DC)            | 1.3                                |
| Contact Type                    | Coaxial 50 Ohm (Crimp) Type C      |
| Cable type                      | RG 174 A/U, RG 188 A/U, RG 316 /U  |
| Contact Dia.                    | 0.7 mm (0.03in)                    |
| Number of contacts Low Voltage  | 9                                  |
| Gender                          | Standard                           |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | EE - Fixed receptacle, nut fixing (back panel mounting)   |
| Socket / Receptacle    | Fixed Panel Rear Mounted  |
| Housing material       | Brass (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Locking system         | Push-pull   |
| Keying                 | G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)  |
| Colour                 | Black   |
| Weight                 | 93.57 g   |

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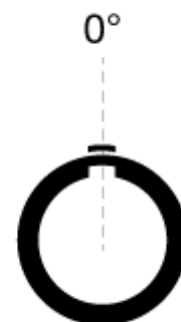
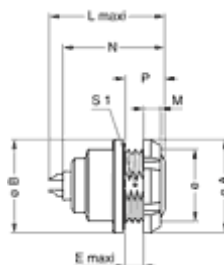
## Environment

|                                   |   |
|-----------------------------------|---|
| Technical domain                  | Audio Video, Energy and Industrial, Medical, 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] | 4.00 - 28.60 mm |
|------------------------------------|-----------------|

## Drawings



## Dimensions

|     | <b>N</b> | <b>M</b> | <b>L</b> | <b>E</b> | <b>e</b> | <b>B</b> | <b>A</b> | <b>S1</b> | <b>P</b> |
|-----|----------|----------|----------|----------|----------|----------|----------|-----------|----------|
| mm. | 38.6     | 7        | 40.2     | 6        | M30x1.0  | 37       | 41.5     | 28.5      | 13.5     |
| in. | 1.52     | 0.28     | 1.58     | 0.24     |          | 1.46     | 1.63     | 1.12      | 0.53     |

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# Recommended By Lemo

## Accessories

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Compatible cap [BRE.4K.200.KAS](#)

## Tools

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Die Tool [DPE.99.103.8K](#)

Extraction tool [DCC.91.384.5LA](#)

Spanner wrench [Socket for torque wrench DCM.65.320.AZ](#)

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