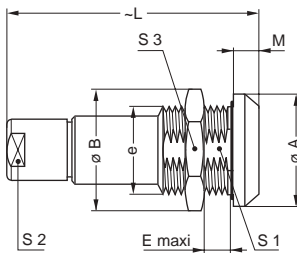
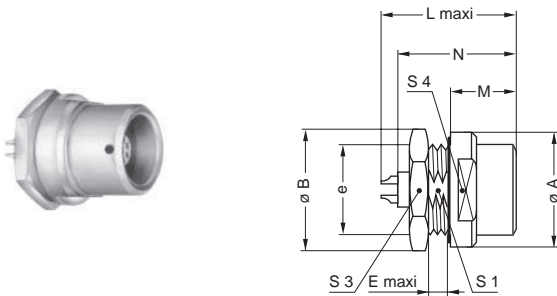


Series K

Technical Characteristics

Mechanical and Climatical

| Characteristics | Value | Standard |
|---------------------------|--------------------|----------------------|
| Endurance | > 5000 cycles | IEC 60512-5 test 9a |
| Humidity | up to 95% at 60° C | |
| Temperature range | - 55° C, +250° C | |
| Resistance to vibration | 10-2000 Hz, 15 g | IEC 60512-4 test 6d |
| Shock resistance | 100 g, 6 ms | IEC 60512-4 test 6c |
| Salt spray corrosion test | > 144h | IEC 60512-6 test 11f |
| Protection index (mated) | IP50 | IEC 60529 |
| Climatical category | 55/175/21 | IEC 60068-1 |



Metal housing models

Electrical

| Characteristics | Value | Standard | |
|----------------------|-----------|----------|---------------|
| Shielding efficiency | at 10 MHz | > 75 dB | IEC 60169-1-3 |
| | at 1 GHz | > 40 dB | IEC 60169-1-3 |

Note:

the various tests have been carried out with FGG and EGG connector pairs, with chrome-plated brass shell and PEEK insulator.

EHG Fixed socket, nut fixing, key (G) or keys (A to F and L), protruding shell

| Reference | | Dimensions (mm) | | | | | | | | | |
|-----------|--------|-----------------|------|---------|-----|------|------|-----------------|------|----|----|
| Model | Series | A | B | e | E | L | M | N ¹⁾ | S1 | S3 | S4 |
| EHG | 0K | 18 | 19.2 | M14x1.0 | 1.5 | 21.7 | 10.5 | 20.1 | 12.5 | 17 | 15 |
| EHG | 1K | 20 | 21.5 | M16x1.0 | 1.5 | 27.0 | 15.5 | 25.1 | 14.5 | 19 | 17 |
| EHG | 2K | 25 | 27.0 | M20x1.0 | 1.5 | 30.7 | 17.0 | 27.1 | 18.5 | 24 | 20 |

Note: 1) maximum length with crimp contacts.

PKG Fixed socket, nut fixing, key (G) or keys (A to F, L and R), cable collet

| Reference | | Dimensions (mm) | | | | | | | | |
|-----------|--------|-----------------|------|---------|-----|------|-----|------|----|----|
| Model | Series | A | B | e | E | L | M | S1 | S2 | S3 |
| PKG | 0K | 18 | 19.2 | M14x1.0 | 6.0 | 34.0 | 4.0 | 12.5 | 8 | 17 |
| PKG | 1K | 20 | 21.5 | M16x1.0 | 9.0 | 45.0 | 4.5 | 14.5 | 9 | 19 |
| PKG | 2K | 25 | 27.0 | M20x1.0 | 9.0 | 54.0 | 5.0 | 18.5 | 12 | 24 |

