

SUMMARY

Wires

| | |
|-------------|---|
| Low voltage | 3 |
|-------------|---|



Image is for illustrative purpose only

| | |
|------------------|-----------------------------------|
| Series | 3S |
| Termination type | Female solder |
| IP rating | 50 |
| AWG wire size | 22.00 - 14.00 |
| Cable Ø | 0.00 - 0.00 mm |
| Status | active |
| Matching parts | FFA.3S.303.CLAC10 |

Download

[Request a quote](#)

[Catalog](#)

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | ERA*: Fixed receptacle, nut fixing |
| Keying | Hermaphroditic keying (half moon insert) with female pin 1 |
| Housing Material | Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Weight | 23.79 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 3S.303 : 3 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 20 Amps |

Specifications

Contact Type: Solder
Vtest: 1500 V (AC), 2100 V (DC)

Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55 °C / +250 °C
Humidity (max): <=95% [at 60 deg C /140 F]

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Vibration: 15 g [10 Hz - 2000 Hz]

Shock Resistance: 100 g [6 ms]

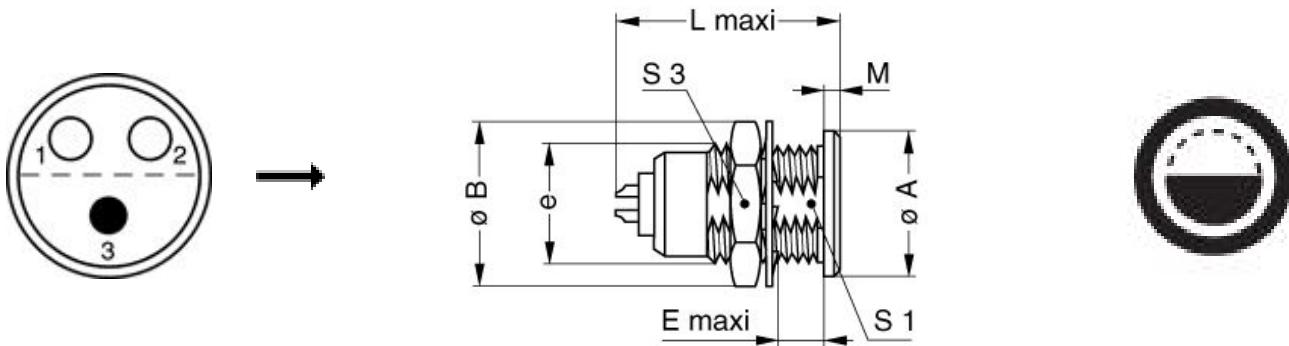
Climatical Category: 50/175/21

Shielding (min): 75 dB (10 MHz)

Shielding (min): 40 dB (1 GHz)

Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

| | A | B | E | L | M | S1 | S3 | e |
|-----|------|------|------|------|------|------|------|---------|
| mm. | 22 | 25.1 | 11.5 | 29 | 2 | 16.5 | 22 | M18x1.0 |
| in. | 0,87 | 0,99 | 0,45 | 1,14 | 0,08 | 0,65 | 0,87 | |

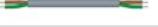
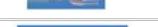
RECOMMENDED BY LEMO

Tools

Cables

| | | | |
|--------------------|--|------|--|
| CMN.03.T14.078PGCE | | | |
| CMN.03.T18.055PGZE | | Grey | |
| CMN.03.T18.055PNZE | | | |

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

| | | | |
|--------------------|---------------|-------|---|
| CMN.03.T18.055QGZE | TPR (medical) | Grey |  |
| CMN.03.T20.049PGZE | | Grey |  |
| CMN.03.T20.049PNZE | | |  |
| CMN.03.T28.031PGCE | PVC | GREY |  |
| CMN.03.T28.031PGZE | | Grey |  |
| CMN.03.T28.031PNCE | PVC | Black |  |
| CMN.03.T28.031PNZE | | |  |
| 130240 | PVC | Black |  |
| 130250 | PVC | Grey |  |
| 230500 | PVC | Grey |  |
| 230750 | PVC | Grey |  |
| 30110 | PVC | Grey |  |
| 30141 | PVC | Grey |  |
| 30260 | PVC | Black |  |
| 3041 | PVC | Grey |  |
| 3050 | PVC | Black |  |
| 3081 | PVC | Black | |
| 3220 | PVC | Black |  |
| 3280 | PVC | Black |  |
| 330150 | PVC | Grey |  |
| 60080 | PVC | Grey | |

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.