

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

| | |
|------------------|-----------------------------------|
| Series | 1S |
| Termination type | Female solder |
| IP rating | 50 |
| AWG wire size | 0.00 - 0.00 |
| Cable Ø | 5.90 - 6.50 mm |
| Status | active |
| Matching parts | FFA.1S.305.CLAC66 |

Download

[Request a quote](#)

[Catalog](#)

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | PSA*: Fixed receptacle, nut fixing, cable collet |
| 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 | 14.84 g |

Performance

| | |
|---------------|--|
| Configuration | 1S.305 : 2 (0.9 mm) + 3 (0.7 mm) Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | |

Specifications

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

Others

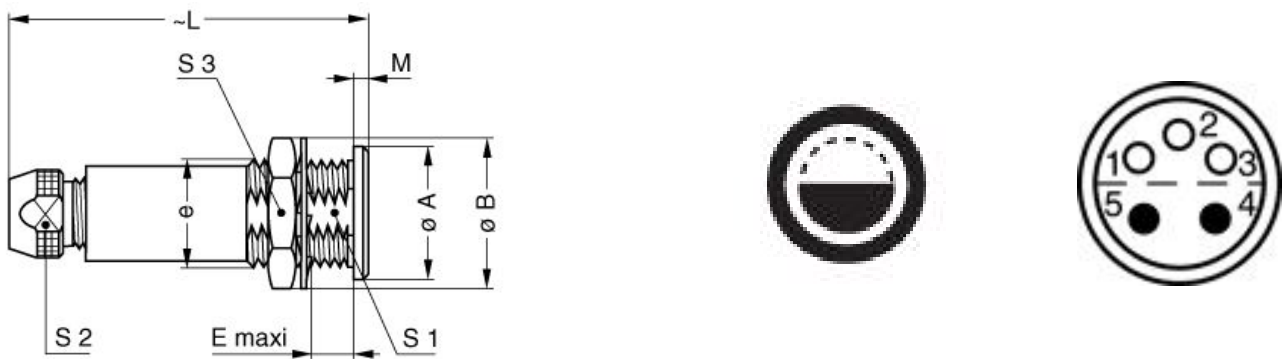
Endurance (Shell): 5000 mating cycles
Temp (min / max): -55° C / +250° C

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.

Humidity (max): <=95% [at 60 deg C /140 F]
 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: >144 hr

DRAWINGS

Draws



Dimensions

| | A | B | C | E | L | M | S1 | S2 | S3 | e |
|-----|------|------|------|------|------|------|------|------|------|---------|
| mm. | 14 | 16 | 6.2 | 7.5 | 40.5 | 1.5 | 10.5 | 8.5 | 14 | M12x1.0 |
| in. | 0,55 | 0,63 | 0,24 | 0,30 | 1,59 | 0,06 | 0,41 | 0,33 | 0,55 | |

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.1S.015.PA085](#)

Cables

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.