

## 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 5.20 - 6.20 mm  
Status active  
Matching parts [FFA.1S.305.CLAC62](#)

### Download

[Request a quote](#)

[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PCA\*: Free receptacle, cable collet and nut for fitting a bend relief  
Keying Hermaphroditic keying (half moon insert) with female pin 1  
Housing Material Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces  
Variant Z : Nut for fitting a bend relief  
Weight 20.81 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

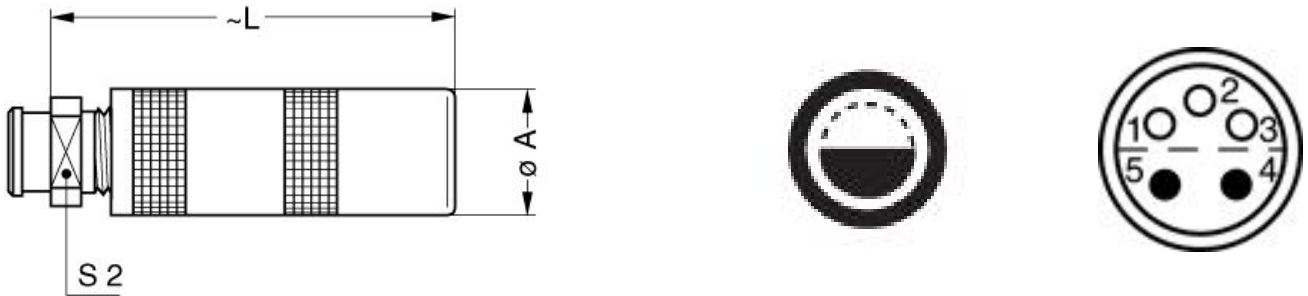
Endurance (Shell): 5000 mating cycles

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.

Temp (min / max): -55 °C / +250 °C  
 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	L	S2
mm.	11.9	40.5	9
in.	0,47	1,59	0,35

## RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.1B.015.PA090](#)

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.*

*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.*