

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) shell and collet nut, nickel plated 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

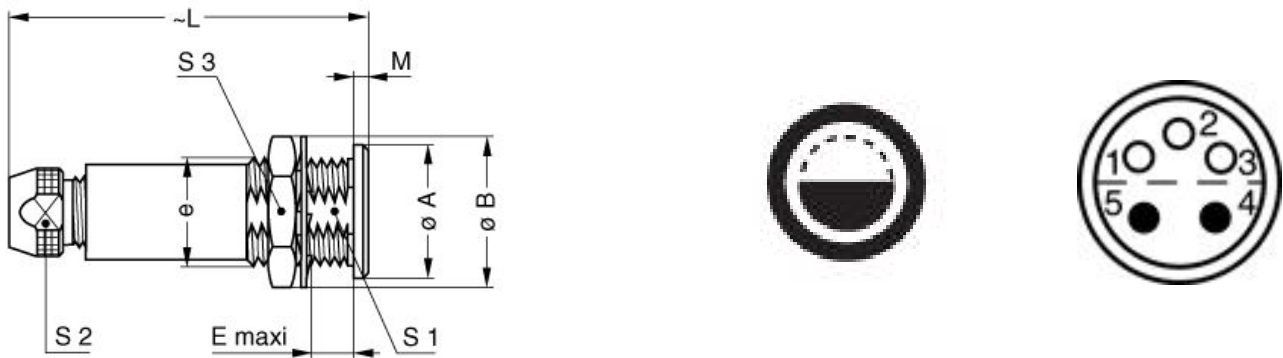
Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +250°C
Humidity (max): <=95% [at 60 deg C / 140 F]

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: >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.