

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 3

Series	1S
Termination type	Male solder
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	4.20 - 5.20 mm
Status	NRND
Alternative part	FLA.1S.303.CLAC52
Matching parts	ERA.1S.303.CLL

Download

- [Request a quote](#)
- [Eplan](#)
- [Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FLA*: Elbow plug, cable collet
Keying	Hermaphroditic keying (half moon insert) with male 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	25.00 g

Performance

Configuration	1S.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

Specifications

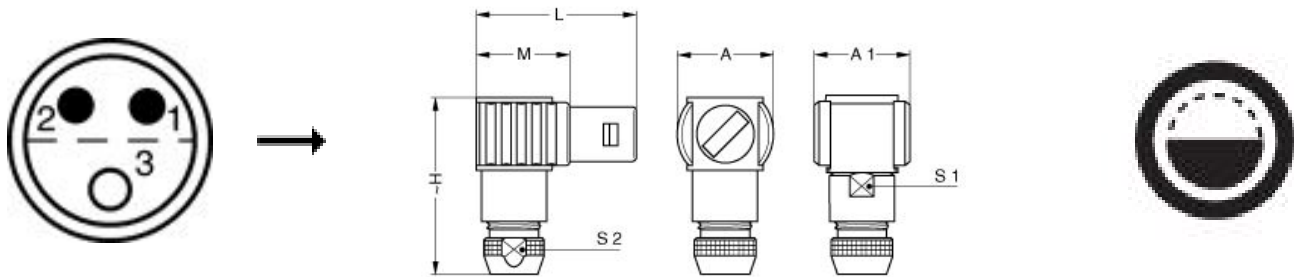
Contact Type: Solder
Contact Dia.: 0.9 mm (0.0354in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm² (AWG 22)
R (max): 4.8 mOhm
Vtest: 1200 V (AC), 1800 V (DC)

Others

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.

Endurance (Shell): 5000 mating cycles
 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



Dimensions





	A	A1	H	L	M	S1	S2
mm.	16	16	28.5	26.5	15.5	10	8.5
in.	0,63	0,63	1,12	1,04	0,61	0,39	0,33

RECOMMENDED BY LEMO

Tools

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.

130240	PVC	Black	
130250	PVC	Grey	
30260	PVC	Black	
3220	PVC	Black	
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.