

## SUMMARY

### # Wires

Low voltage 3


*Image is for illustrative purpose only*

Series	0S
Termination type	Male solder
IP rating	50
AWG wire size	32.00 - 24.00
Cable Ø	3.80 - 4.60 mm
Status	NRND
Alternative part	<a href="#">FFA.0S.303.CLA52Z</a>
Matching parts	<a href="#">ERA.0S.303.CLL</a>

### Download

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

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFA*: Straight plug with oversize cable collet and nut for fitting a bend relief
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
Variant	Z : Nut for fitting a bend relief

### Performance

Configuration	0S.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 Amps

### Specifications

Contact Type:	Solder
Contact Dia.:	0.7 mm (0.028in)
Bucket Dia.:	0.6 mm (0.024in)
Max. Solid Conductor:	0.25 mm <sup>2</sup> (AWG 24)
Max. Stranded Conductor:	0.14 mm <sup>2</sup> (AWG 26)
R (max):	6.1 mOhm
Vtest:	1060 V (AC), 1500 V (DC)

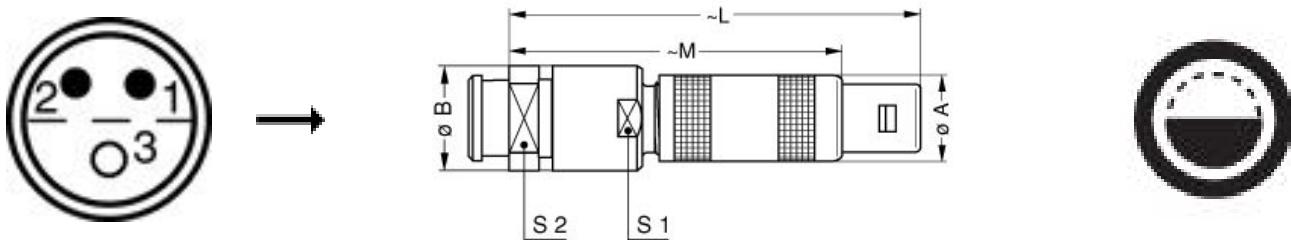
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO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

## Others

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



---

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.OS.005.PA065](#)

### Cables

130250	PVC	Grey	
30110	PVC	Grey	
30260	PVC	Black	
3280	PVC	Black	

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.