

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 3

Series 0S  
Termination type Female solder  
IP rating 50  
AWG wire size 32.00 - 24.00  
Cable Ø 0.00 - 0.00 mm  
Status active  
Matching parts [FFA.0S.303.CLAC32](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model ERA\*: Fixed receptacle, nut fixing  
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 4.16 g

### Performance

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

### Specifications

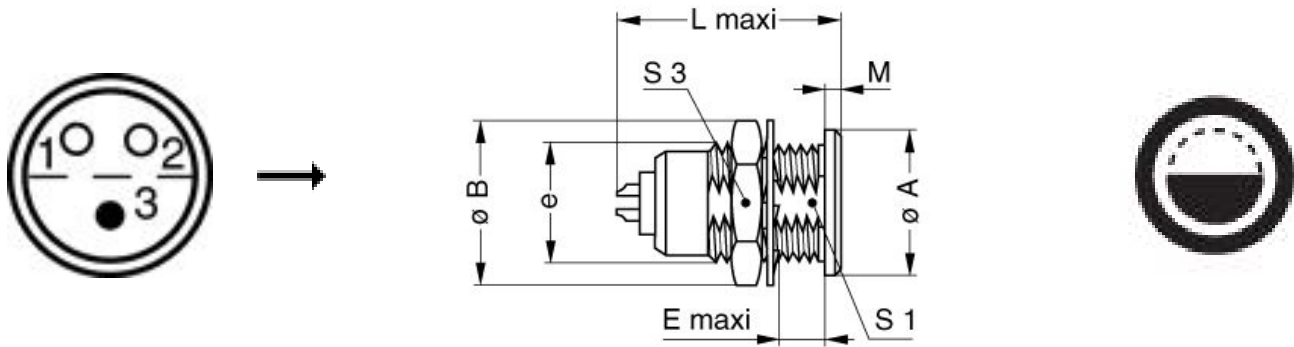
Contact Type: Solder  
Contact Dia.: 0.7 mm (0.028in)  
Bucket Dia.: 0.6 mm (0.024in)  
Max. Solid Conductor: 0.25 mm<sup>2</sup> (AWG 24)  
Max. Stranded Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
R (max): 6.1 mOhm  
Vtest: 1060 V (AC), 1500 V (DC)

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## 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: >1000 hr

## DRAWINGS



## Dimensions












|     | A    | B    | E    | L    | M    | S1   | S3   | e      |
|-----|------|------|------|------|------|------|------|--------|
| mm. | 10   | 12.5 | 7    | 18.5 | 1.2  | 8.2  | 11   | M9x0.6 |
| in. | 0,39 | 0,49 | 0,28 | 0,73 | 0,05 | 0,32 | 0,43 |        |

## RECOMMENDED BY LEMO

## Tools

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## Cables

|                    |     |       |  |
|--------------------|-----|-------|--|
| CMN.03.T28.031PGCE | PVC | GREY  |  |
| CMN.03.T28.031PGZE |     | Grey  |  |
| CMN.03.T28.031PNCE | PVC | Black |  |
| CMN.03.T28.031PNZE |     |       |  |
| 130250             | PVC | Grey  |  |
| 30110              | PVC | Grey  |  |
| 30141              | PVC | Grey  |  |
| 30260              | PVC | Black |  |
| 3041               | PVC | Grey  |  |
| 3050               | PVC | Black |  |
| 3081               | PVC | Black |  |
| 3280               | PVC | Black |  |
| 60080              | PVC | Grey  |  |

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