

## SUMMARY

### # Wires

Low voltage	12
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*Image is for illustrative purpose only*

Series	3V
Termination type	Female solder
IP rating	68
AWG wire size	30.00 - 22.00
Cable Ø	6.60 - 7.00 mm
Status	active
Matching parts	<a href="#">FVN.3V.312.CLAC70</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PVP*: Free socket with cable collet
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	89.36 g

### Performance

Configuration	3V.312 : 12 Low Voltage
Insulator	
Rated Current	8 Amps

### Specifications

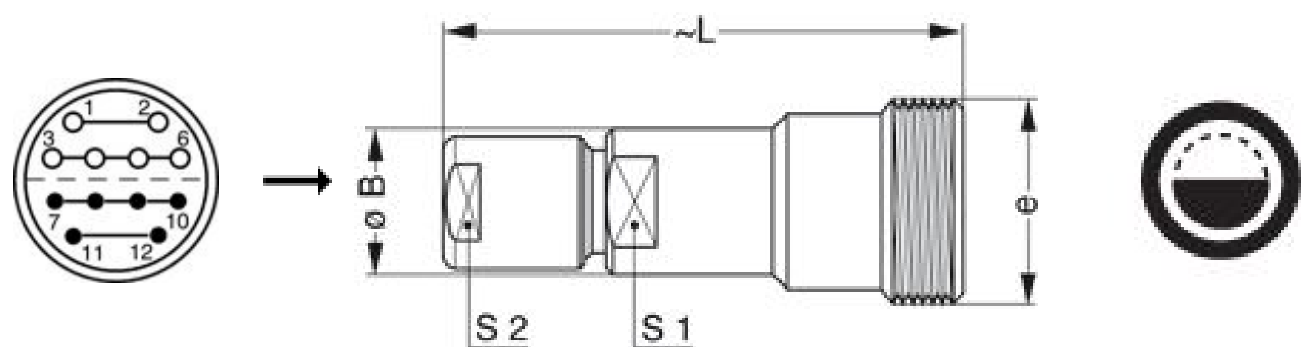
Contact Type: Solder  
Contact Dia.: 0.9 mm (0.0354in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 4.8 mOhm  
Vtest: 1500 V (AC), 2100 V (DC)

### Others

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Endurance (Shell): 1000 mating cycles  
Temp (min / max): -20°C / +200°C  
Climatical Category: 20/200/21  
Shielding (min): 95 dB (10 MHz)  
Shielding (min): 80 dB (1 GHz)  
Salt Spray Corrosion: >1000 hr  
Pressure: 30 bars

# DRAWINGS



## Dimensions

	B	L	S1	S2	e
mm.	19	65	16	15	M24x1.0
in.	0,75	2,56	0,63	0,59	

# RECOMMENDED BY LEMO

## Tools

Spanner wrench: [DCD.3E.030.PA150](#)

## Cables

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CMN.12.T22.070QGZE	TPR (medical)	Grey	
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