

## SUMMARY

### # Wires

Low voltage	2
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*Image is for illustrative purpose only*

Series	OS
Termination type	Coupler/adaptor/bridge
IP rating	50
AWG wire size	24.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	RAD*: Fixed coupler, nut fixing
Keying	Hermaphroditic keying, pin 1 female on flange side, female on other side
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	5.55 g

### Performance

Configuration	OS.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

### Specifications

Contact Type: Crimp
Vtest: 1100 V (AC), 1600 V (DC)

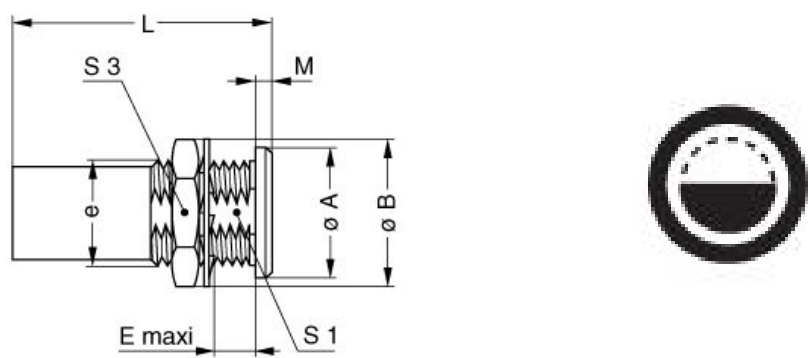
### Others

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

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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	S2	e
mm.	10	12.5	7	25	1.2	8.2	11	M9x0.6
in.	0,39	0,49	0,28	0,98	0,05	0,32	0,43	

## RECOMMENDED BY LEMO

### Tools

Crimp Tool: [DPC.91.701.V](#)

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