

## SUMMARY

### # Wires

Low voltage 4



*Image is for illustrative purpose only*

Series 1S  
Termination type Coupler/adaptor/bridge  
IP rating 50  
AWG wire size 30.00 - 22.00  
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, male 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 11.05 g

### Performance

Configuration 1S.304 : 4 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 10 Amps

### Specifications

Contact Type: Solder  
Vtest: 1200 V (AC), 1800 V (DC)  
Air clearance min.: 1.1 mm  
Creepage distance min.: 1.1 mm

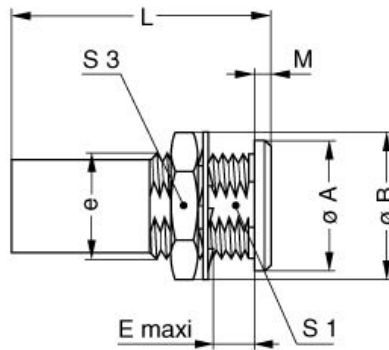
### Others

Endurance (Shell): 5000 mating cycles

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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	S2	e
mm.	14	16	7.5	28.5	1.5	10.5	14	M12x1.0
in.	0,55	0,63	0,30	1,12	0,06	0,41	0,55	

## RECOMMENDED BY LEMO

### Tools

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