

## SUMMARY

### # Wires

Low voltage 7



*Image is for illustrative purpose only*

Series OK  
Termination type Female solder  
IP rating 68 when mated  
AWG wire size 34.00 - 28.00  
Cable Ø 0.00 - 0.00 mm  
Status active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model HG\*: Fixed receptacle, nut fixing, watertight or vacuum-tight  
Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)  
Housing Material Brass (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces  
Variant P : Watertight unmated  
Weight 12.61 g

### Performance

Configuration OK.307 : 7 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 2.5 Amps

### Specifications

Contact Type: Solder  
Contact Dia.: 0.5 mm (0.02in)  
Bucket Dia.: 0.45 mm (0.018in)  
Max. Solid Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
Max. Stranded Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
R (max): 8.7 mOhm

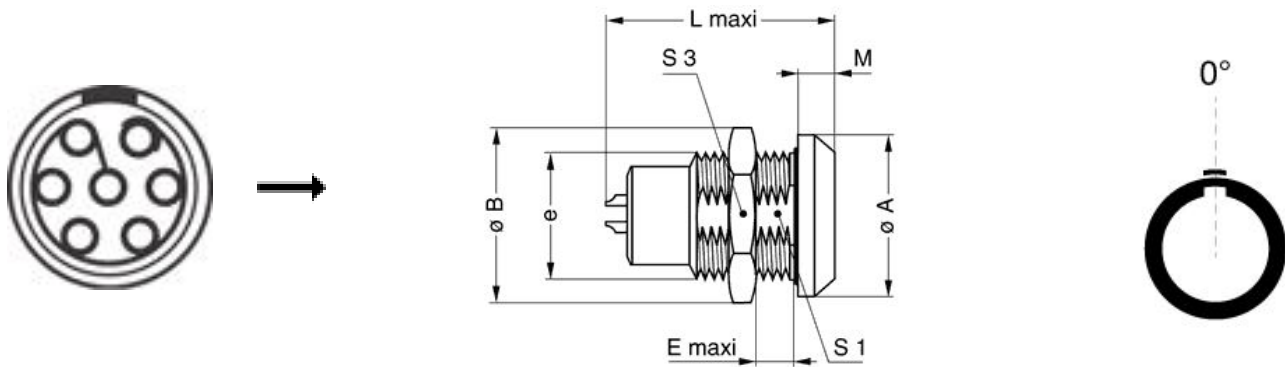
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Vtest (contact-shell): 700 V (AC), 990 V (DC)  
 Vtest (contact-contact): 800 V (AC), 1130 V (DC)

## Others

Endurance (Shell): 5000 mating cycles  
 Temp (min / max): -20°C / +100°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: 20/80/21  
 Shielding (min): 95 dB (10 MHz)  
 Shielding (min): 80 dB (1 GHz)  
 Salt Spray Corrosion: >1000 hr  
 Pressure: 60 bars

## DRAWINGS



## Dimensions

	A	B	E	L	M	S1	S3	e
mm.	18	19.5	5.5	21.7	4	12.5	17	M14x1.0
in.	0,71	0,77	0,22	0,85	0,16	0,49	0,67	

## RECOMMENDED BY LEMO

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## Tools

## Cables

CMN.07.T28.044PGZE		Grey	
CMN.07.T28.044PNZE			
7041	PVC	Grey	
7050	PVC	Black	
717920	PVC	Grey	
CTR.75.030.121875G	PVC	Grey	

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