

SUMMARY

Wires

Low voltage 3



Image is for illustrative purpose only

Series OK
Termination type Male solder
IP rating 68
AWG wire size 28.00 - 20.00
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 2 keys (gamma=75, plug: female contacts, receptacle: male contacts)
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
Variant P : Watertight
Weight 12.38 g

Performance

Configuration OK.303 : 3 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 8 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1.0 mm (0.039in)
Max. Solid Conductor: 0.56 mm² (AWG 20)
Max. Stranded Conductor: 0.56 mm² (AWG 20)
R (max): 4.8 mOhm

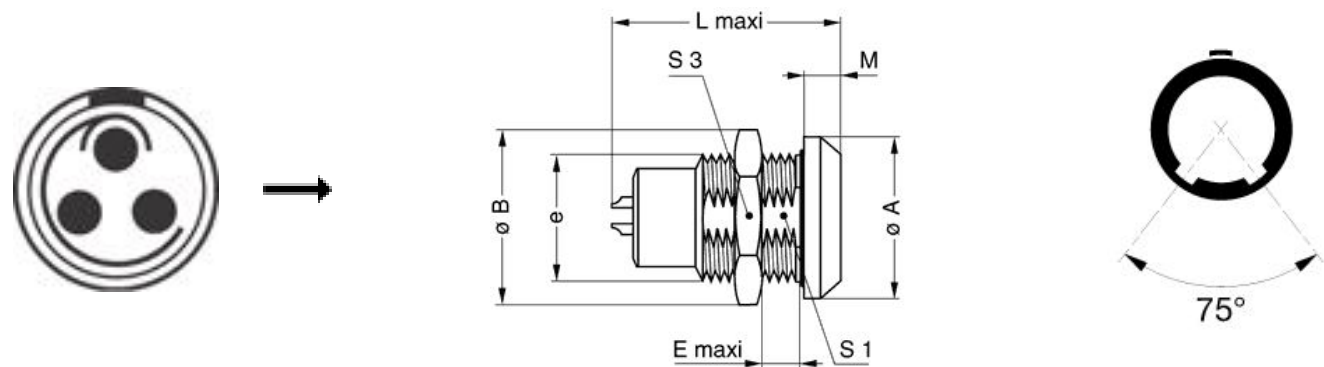
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Vtest (contact-shell): 900 V (AC), 1300 V (DC)
Vtest (contact-contact): 1200 V (AC), 1700 V (DC)

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.03.T28.031PGCE	PVC	GREY	
CMN.03.T28.031PGZE		Grey	
CMN.03.T28.031PNCE	PVC	Black	
CMN.03.T28.031PNZE			
130240	PVC	Black	
130250	PVC	Grey	
30110	PVC	Grey	
30141	PVC	Grey	
30260	PVC	Black	
3041	PVC	Grey	
3050	PVC	Black	
3081	PVC	Black	
3220	PVC	Black	
3280	PVC	Black	
60080	PVC	Grey	

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