

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 8

Series 1P
Termination type Male solder
IP rating 50
AWG wire size 0.00 - 0.00
Cable Ø 2.70 - 3.90 mm
Status active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PR*: Free receptacle with cable collet
Keying 2 keys (beta=170; plug: female contacts, receptacle: male contacts)
Housing Material PSU (Polysulfone), black
Variant N : Black collet nut
Weight 4.49 g

Performance

Configuration 1P.M08 : 8 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 5 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.7 mm (0.0275in)
Bucket Dia.: 0.6 mm (0.024in)
Max. Solid Conductor: 0.14 mm² (AWG 26)
Max. Stranded Conductor: 0.14 mm² (AWG 26)
R (max): 6.5 mOhm
Test voltage (kV rms) Contact-contact: 1.05

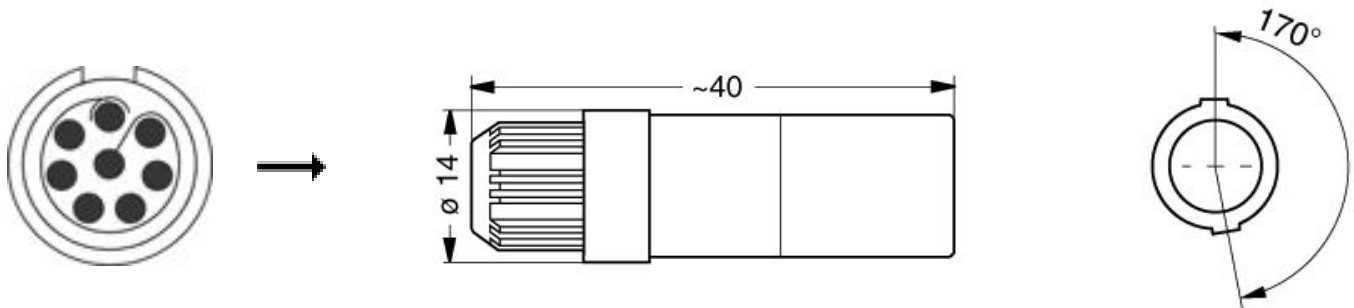
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Air clearance min.: 0.6 mm
Creepage distance min.: 0.6 mm

Others

Endurance (Shell): >2000 mating cycles
Temp (min / max): -50°C / +150°C
F ret (min): 50 N
F ret (max): 150 N
Steam sterilization: > 100 times (with potting on rear connection)

DRAWINGS



Dimensions

	A	L
mm.	14	40
in.	0,55	1,57

RECOMMENDED BY LEMO

Tools

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Cables

8050	PVC	Black	
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