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PRH.M1.4GL.AC52V

SUMMARY

Wires

Low voltage	**14**

Image is for illustrative purpose only

Series	1P
Termination type	Male solder
IP rating	50
AWG wire size	34.00 - 28.00
Cable Ø	4.00 - 5.20 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), gray
Variant	V : Green collet nut
Weight	4.75 g

Performance

Configuration	1P.M14 : 14 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.5 mm (0.0201in)
Bucket Dia.: 0.45 mm (0.018in)
Max. Solid Conductor: 0.09 mm^2 (AWG 28)
Max. Stranded Conductor: 0.09 mm^2 (AWG 28)
R (max): 8.5 mOhm
Test voltage (kV rms) Contact-contact: 0.6

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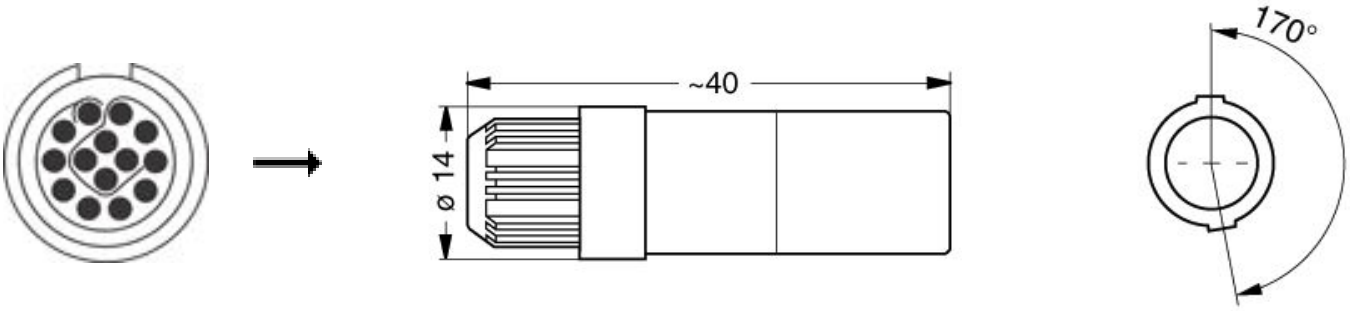
Air clearance min.: 0.5 mm
Creepage distance min.: 0.5 mm

Others

Endurance (Shell): >2000 mating cycles
Temp (min / max): -50°C / +150°C
F ret (min): 50 N
F ret (max): 150 N
R leak (He) (max): 0.0000001 mbar*l/s (if vacuum-tested)
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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