

SUMMARY

Wires

Low voltage 8



Image is for illustrative purpose only

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
Matching parts	PAH.M0.8GL.LC39G

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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	G : Gray collet nut
Weight	4.31 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 mm ² (AWG 26)
Max. Stranded Conductor:	0.14 mm ² (AWG 26)
R (max):	6.5 mOhm
Test voltage (kV rms) Contact-contact:	1.05

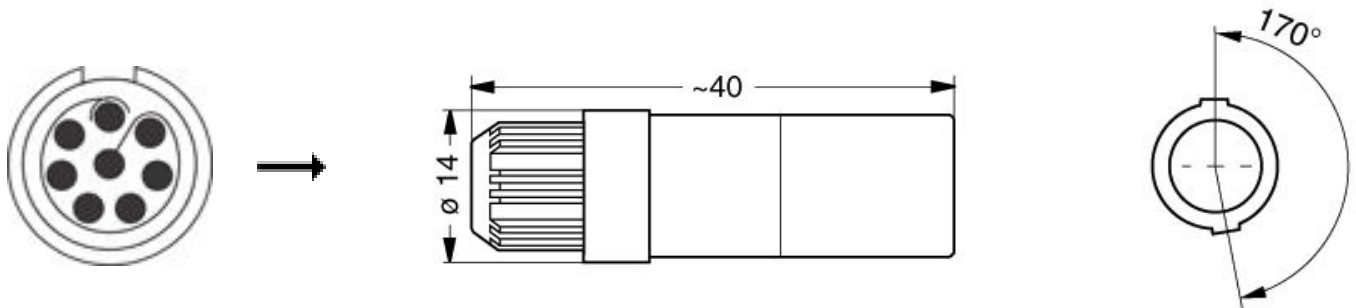
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Air clearance min.: 0.6 mm
Creepage distance min.: 0.6 mm

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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