

SUMMARY

Wires

Low voltage 4



Image is for illustrative purpose only

Series	1P
Termination type	Female solder
IP rating	50
AWG wire size	0.00 - 22.00
Cable Ø	4.00 - 5.20 mm
Status	active
Matching parts	PAA.M0.4GL.AC52V

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PR*: Free receptacle with cable collet
Keying	2 keys (alpha=40; Plug: male contacts; Receptacle: female contacts)
Housing Material	PSU (Polysulfone), gray
Variant	V : Green collet nut
Weight	4.51 g

Performance

Configuration	1P.M04 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8 Amps

Specifications

Contact Type:	Solder
Contact Dia.:	0.9 mm (0.0354in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Solid Conductor:	0.34 mm ² (AWG 22)
Max. Stranded Conductor:	0.34 mm ² (AWG 22)
R (max):	4.5 mOhm
Test voltage (kV rms) Contact-contact:	1.2

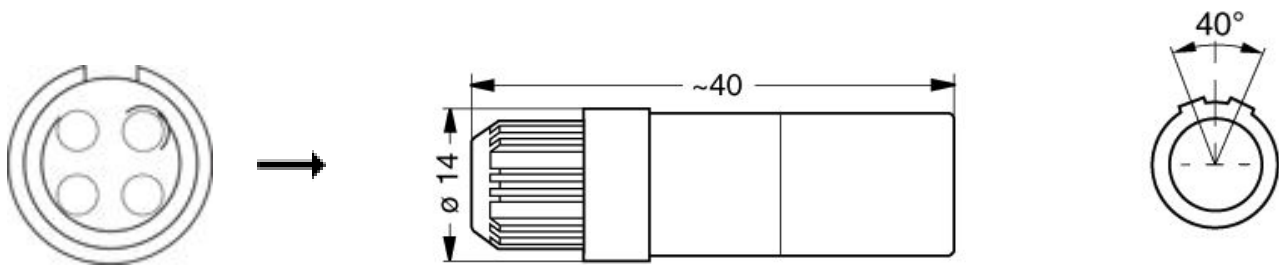
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Air clearance min.: 1.2 mm
Creepage distance min.: 1.2 mm

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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Cables

CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	
140240	PVC	Black	
140250	PVC	Grey	
40140	PVC	Black	
40260	PVC	Black	
4080	PVC	Grey	
4221	PVC	Black	
4280	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	

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