

## SUMMARY

### # Wires

Low voltage 14



Image is for illustrative purpose only

Series	1P
Termination type	Female solder
IP rating	50
AWG wire size	0.00 - 28.00
Cable Ø	2.70 - 3.90 mm
Status	active
Matching parts	<a href="#">PAA.M1.4GL.AC39G</a>

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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	G : Gray collet nut

### 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 <sup>2</sup> (AWG 28)
Max. Stranded Conductor:	0.09 mm <sup>2</sup> (AWG 28)
R (max):	8.5 mOhm
Test voltage (kV rms) Contact-contact:	0.6
Air clearance min.:	0.5 mm
Creepage distance min.:	0.5 mm

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## Others

Endurance (Shell): >2000 mating cycles

Temp (min / max): -50°C / +150°C

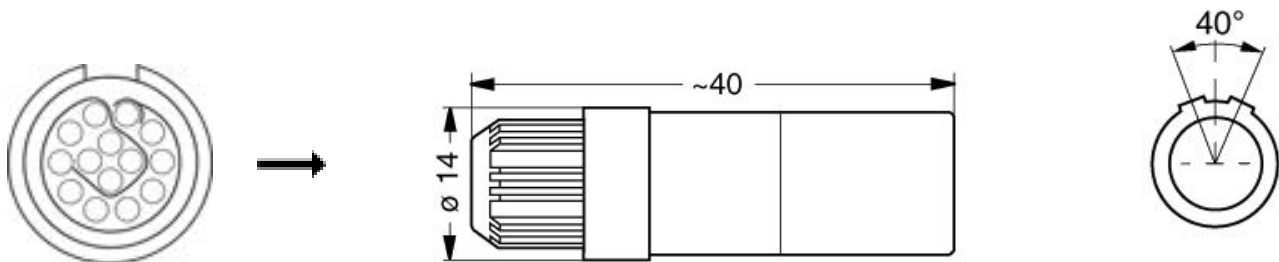
F ret (min): 50 N

F ret (max): 150 N

Steam sterilization: > 100 times (with potting on rear connection)

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## DRAWINGS



## Dimensions

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

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## RECOMMENDED BY LEMO

## Tools

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