

# PRA.M1.4GL.LC65G

## **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 5.30 - 6.50 mm

Status active

Matching parts PAA.M1.4GL.AC65G

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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

Weight 5.14 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<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

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

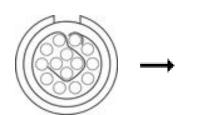
### **Others**

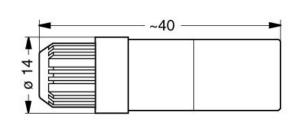
Endurance (Shell): >2000 mating cycles Temp (min / max): -50°C / +150°C

F ret (min): 50 N F ret (max): 150 N

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

## **DRAWINGS**







#### **Dimensions**

	А	L
mm.	14	40
in.	0,55	1,57

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### **Cables**

CMN.14.T28.056PGZE		Grey	<b>&gt;</b>
CMN.14.T28.056PNZE			
CMN.14.T28.056QGZE	TPR (medical)	Grey	

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