

# PAH.NO.3GL.LC65RZ

# SUMMARY

#### # Wires

High voltage



Image is for illustrative purpose only

Series	1P
Termination type	Female solder
IP rating	50
AWG wire size	0.00 - 0.00
Cable Ø	5.30 - 6.50 mm
Status	active
Matching parts	PKH.N0.3GL.AR

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# **TECHNICAL DETAILS**

#### **Mechanics**

Shell Style/Model	PA*: Straight plug with cable collet and nut for fitting a bend relief
Keying	2 keys (beta=170; plug: female contacts, receptacle: male contacts)
Housing Material	PSU (Polysulfone), gray
Variant	R : Red collet nut for bend relief
Weight	5.34 g

#### Performance

Configuration	1P.N03 : 3 High Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	9 Amps

#### Specifications

Note: Increased creepage distance, pin 3 longer Contact Type: Solder Contact Dia.: 0.9 mm (0.04in) Bucket Dia.: 1.4 mm (0.055in) Max. Solid Conductor: 1 mm^2 (AWG 18) Max. Stranded Conductor: 1 mm^2 (AWG 18) R (max): 4.5 mOhm

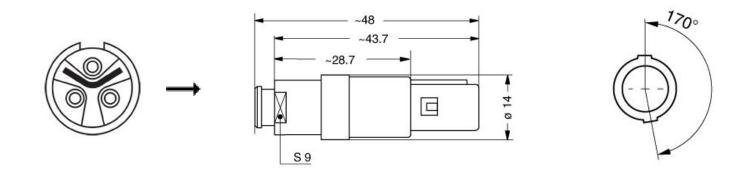
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Test voltage (kV rms) Contact-contact: 1.5 Air clearance min.: 4.6 mm Creepage distance min.: 4.7 mm Cable type: H07 RN-F

#### 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



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