

SUMMARY

Wires

Low voltage	5
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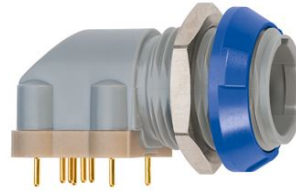


Image is for illustrative purpose only

Series	1P
Termination type	Female print PCB
IP rating	50
AWG wire size	24.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	Active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PX*: Elbow receptacle key (G) or keys (A,B,C) with two nuts for printed circuit
Keying	2 keys (alpha=40; Plug: male contacts; Receptacle: female contacts)
Housing Material	PSU (Polysulfone), gray
Variant	A : Blue front nut
Weight	8.24 g

Performance

Configuration	1P.M05 : 5 Low Voltage
Insulator	G: PSU gray
Rated Current	7 Amps

Specifications

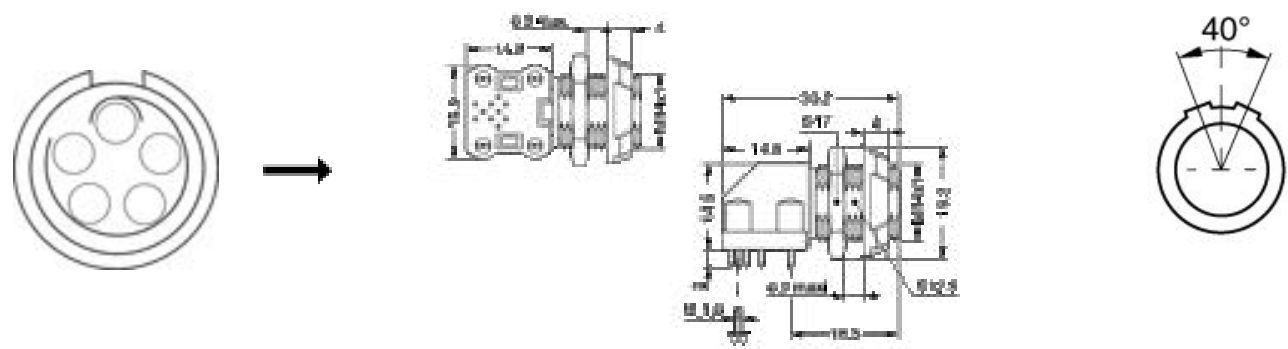
Contact Type: Print (straight)
Contact Dia.: 0.9 mm (0.0354in)
R (max): 4.5 mOhm
Test voltage (kV rms) Contact-contact: 1.05
Air clearance min.: 0.8 mm
Creepage distance min.: 0.8 mm

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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)

DRAWINGS



Dimensions

	A	E	L	S1	S2	e
mm.	19.2	6.9 max	30.2	S12.5	S17	M14x1
in.	0,76	0,27	1,19			

RECOMMENDED BY LEMO

Tools

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