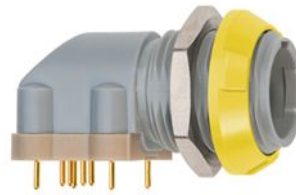


## SUMMARY

### # Wires

Low voltage 5



*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

### Download

[Request a quote](#)  
[PCB Eagle Pattern](#)  
[PCB Altium Pattern](#)  
[PCB KiCad Pattern](#)  
[Catalog](#)

## 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=80; Plug: male contacts; Receptacle: female contacts)  
Housing Material PSU (Polysulfone), gray  
Variant J : Yellow front nut  
Weight 8.42 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

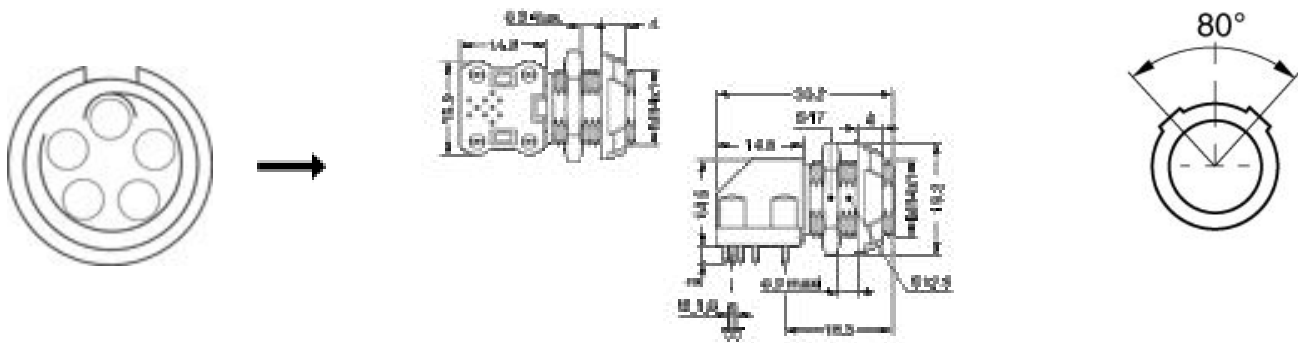
F ret (min): 50 N

F ret (max): 150 N

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

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## 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			

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## RECOMMENDED BY LEMO

### Tools

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