

SUMMARY

Wires

Low voltage 5

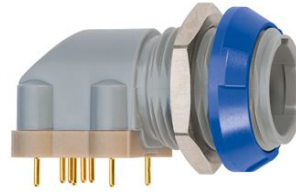


Image is for illustrative purpose only

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=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

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Others

Endurance (Shell): >2000 mating cycles

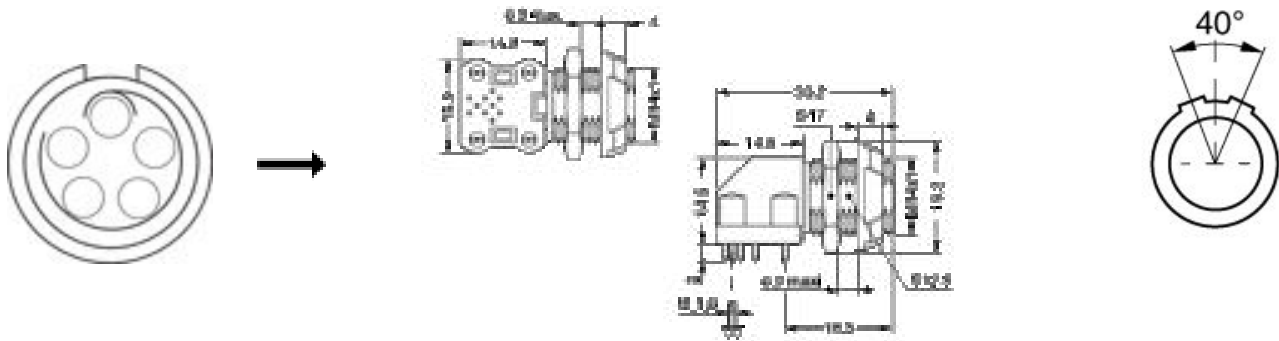
Temp (min / max): -50°C / +150°C

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

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.