

SUMMARY

Wires

Low voltage 4



Image is for illustrative purpose only

Series	1P
Termination type	Male solder
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	4.00 - 5.20 mm
Status	Active
Matching parts	PLG.M0.4GL.LV

Download

[Request a quote](#)

[Eplan](#)

[Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model	PA*: Straight plug with cable collet and nut for fitting a bend relief
Keying	1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material	PSU (Polysulfone), gray
Variant	V : Green collet nut for bend relief
Weight	5.06 g

Performance

Configuration	1P.M04 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm ² (AWG 22)
Max. Stranded Conductor: 0.34 mm ² (AWG 22)
R (max): 4.5 mOhm
Test voltage (kV rms) Contact-contact: 1.2

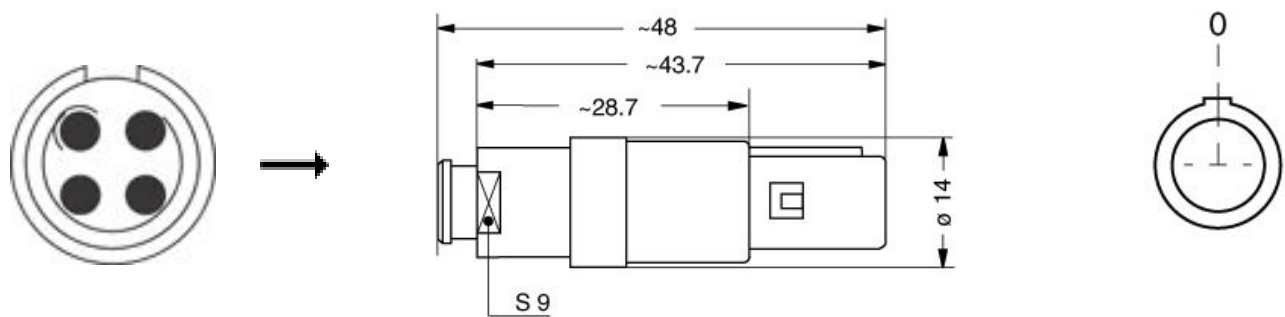
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO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

Air clearance min.: 1.2 mm
Creepage distance min.: 1.2 mm

Others

- Endurance (Shell): >2000 mating cycles
- Temp (min / max): -50°C / +150°C
- F ret (min): 50 N
- F ret (max): 150 N
- R leak (He) (max): 0.0000001 mbar*l/s (if vacuum-tested)
- Steam sterilization: > 100 times (with potting on rear connection)

DRAWINGS



RECOMMENDED BY LEMO

Tools

Cables

CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	
140240	PVC	Black	
140250	PVC	Grey	
40140	PVC	Black	
40260	PVC	Black	

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.

			
4080	PVC	Grey	
4221	PVC	Black	
4280	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	

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.