

## SUMMARY

### # Wires

Low voltage 8



Image is for illustrative purpose only

Series	1P
Termination type	Male solder
IP rating	50
AWG wire size	32.00 - 24.00
Cable Ø	4.00 - 5.20 mm
Status	active
Matching parts	<a href="#">PKB.M0.8GL.LV</a>

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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 (alpha=60; Plug: male contacts; Receptacle: female contacts)
Housing Material	PSU (Polysulfone), gray
Variant	V : Green collet nut for bend relief
Weight	5.28 g

### Performance

Configuration	1P.M08 : 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	5 Amps

### Specifications

Contact Type:	Solder
Contact Dia.:	0.7 mm (0.0275in)
Bucket Dia.:	0.6 mm (0.024in)
Max. Solid Conductor:	0.14 mm <sup>2</sup> (AWG 26)
Max. Stranded Conductor:	0.14 mm <sup>2</sup> (AWG 26)
R (max):	6.5 mOhm
Test voltage (kV rms) Contact-contact:	1.05

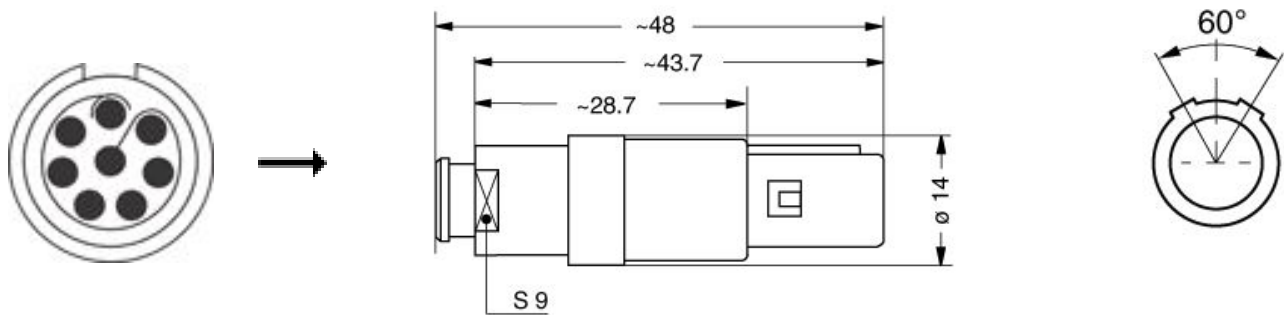
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Air clearance min.: 0.6 mm  
Creepage distance min.: 0.6 mm

## 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.08.T26.042QGZE	TPR (medical)	Grey	
108240	PTFE	White	
108260	PTFE	White	
8280	PVC	Black	

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