

## SUMMARY

### # Wires

Low voltage 8



*Image is for illustrative purpose only*

Series	1P
Termination type	Female solder
IP rating	50
AWG wire size	0.00 - 26.00
Cable Ø	1.70 - 6.50 mm
Status	active
Matching parts	<a href="#">PAA.M0.8GL.AC39A</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PK*: Fixed receptacle without hexagonal nut
Keying	2 keys (alpha=40; Plug: male contacts; Receptacle: female contacts)
Housing Material	PSU (Polysulfone), gray
Variant	Z : without front nut
Weight	4.40 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

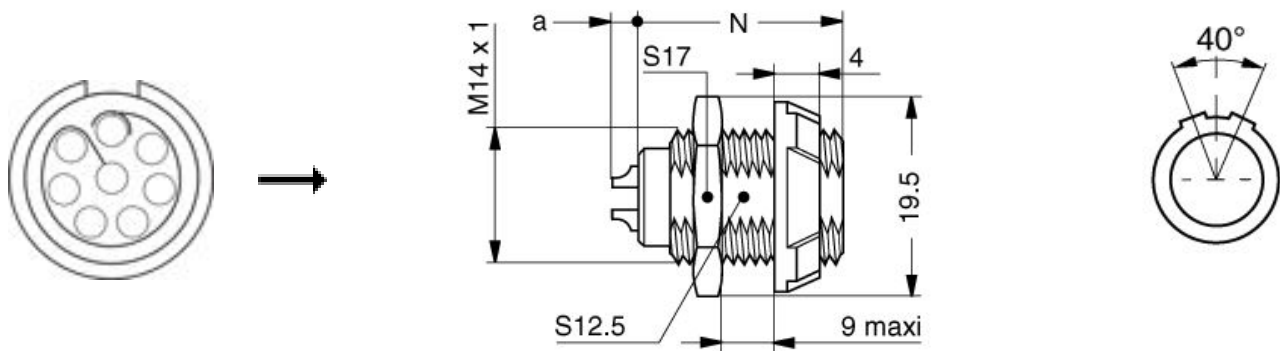
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Air clearance min.: 0.6 mm  
Creepage distance min.: 0.6 mm

## Others

Endurance (Shell): >2000 mating cycles  
F ret (min): 50 N  
F ret (max): 150 N  
Steam sterilization: > 100 times (with potting on rear connection)

## DRAWINGS



## Dimensions











	A	N	a
mm.	19.5	20.5- 22.2	0-4.5
in.	0,77	0,81	0,00

## RECOMMENDED BY LEMO

### Tools

### Cables

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CMN.08.T26.042QGZE	TPR (medical)	Grey	
108240	PTFE	White	
108260	PTFE	White	
16080	PVC	Grey	
180260	PVC	Black	
280250	PVC	Grey	
335990	PVC	Black	
335991	PVC	Black	
42265	PVC	Yellow	
80140	PVC	Grey	
8050	PVC	Black	
8280	PVC	Black	

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