

SUMMARY

Wires

Low voltage 6



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	PAC.M0.6GL.AC39G

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PK*: Fixed receptacle with two nuts (back panel mounting)
Keying	2 keys (alpha=80; Plug: male contacts; Receptacle: female contacts)
Housing Material	PSU (Polysulfone), grey
Variant	G : grey front nut
Weight	4.67 g

Performance

Configuration	1P.M06 : 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	6 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 ² (AWG 26)
Max. Stranded Conductor:	0.14 mm ² (AWG 26)
R (max):	6.5 mOhm
Test voltage (kV rms) Contact-contact:	1.05

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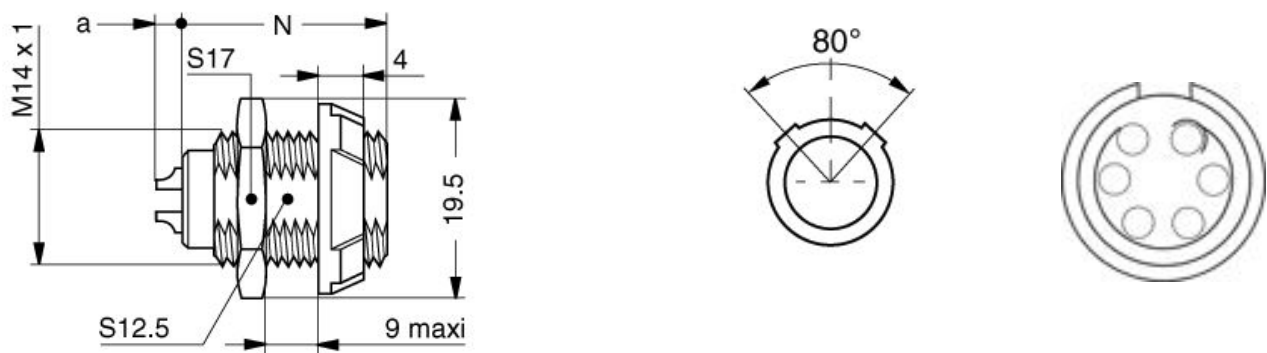
Air clearance min.: 0.85 mm
Creepage distance min.: 0.85 mm

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

Draws



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.06.T28.031PGCE	PVC	GREY	
CMN.06.T28.044PGCE	PVC	GREY	
CMN.06.T26.037QGZE	TPR (medical)	Grey	
CMN.06.T28.031PGZE		Grey	
CMN.06.T28.031PNCE	PVC	Black	
CMN.06.T28.031PNZE			
CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		Grey	
CMN.06.T28.044PNCE	PVC	Black	
CMN.06.T28.044PNZE			
006 280	PVC	Black	
012 080	PVC	Grey	
060 260	PTFE	White	
106 240	PTFE	White	
160 140	PVC	Grey	
160 260	PVC	Black	
260 250	PVC	Grey	

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