

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

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PL*: Fixed receptacle, nut fixing
Keying 2 keys (alpha=60; Plug: male contacts; Receptacle: female contacts)
Housing Material PEI (Polyetherimide), gray
Variant R : Red front nut
Weight 4.84 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 mm² (AWG 26)
Max. Stranded Conductor: 0.14 mm² (AWG 26)
R (max): 6.5 mOhm
Test voltage (kV rms) Contact-contact: 1.05

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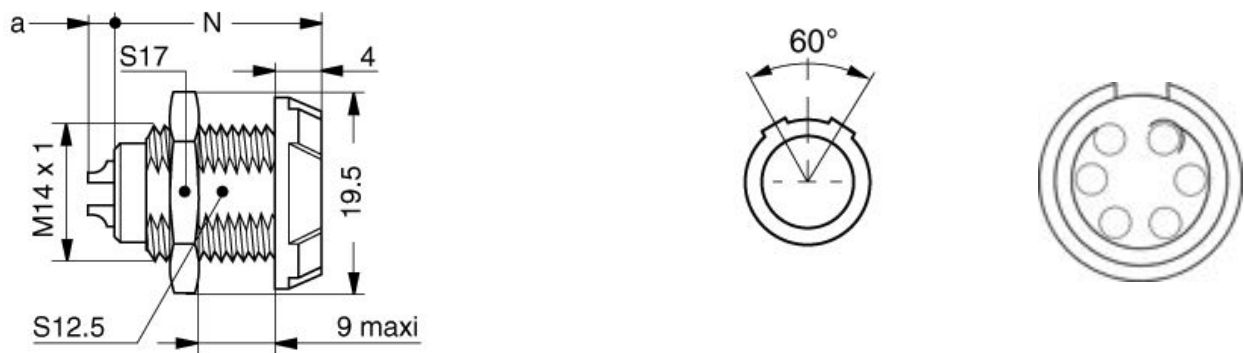
Air clearance min.: 0.85 mm
Creepage distance min.: 0.85 mm

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	L	N
mm.	19.5	25	20.5
in.	0,77	0,98	0,81

RECOMMENDED BY LEMO

Tools

Cables

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CMN.06.T26.037QGZE	TPR (medical)	Grey	
CMN.06.T28.031PGCE	PVC	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.T28.044PNZE			
106240	PTFE	White	
12080	PVC	Grey	
160140	PVC	Grey	
160260	PVC	Black	
260250	PVC	Grey	
60260	PTFE	White	
6280	PVC	Black	

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