

SUMMARY

Wires

Low voltage 14



Image is for illustrative purpose only

Series	1P
Termination type	Female solder
IP rating	50
AWG wire size	0.00 - 28.00
Cable Ø	1.70 - 6.50 mm
Status	active
Matching parts	PAG.M1.4SL.AC52GZ

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PK*: Fixed receptacle with two nuts (back panel mounting)
Keying	1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material	PEI (Polyetherimide), grey
Variant	G : grey front nut

Performance

Configuration	1P.M14 : 14 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2 Amps

Specifications

Contact Type:	Solder
Contact Dia.:	0.5 mm (0.0201in)
Bucket Dia.:	0.45 mm (0.018in)
Max. Solid Conductor:	0.09 mm ² (AWG 28)
Max. Stranded Conductor:	0.09 mm ² (AWG 28)
R (max):	8.5 mOhm
Test voltage (kV rms) Contact-contact:	0.6
Air clearance min.:	0.5 mm
Creepage distance min.:	0.5 mm

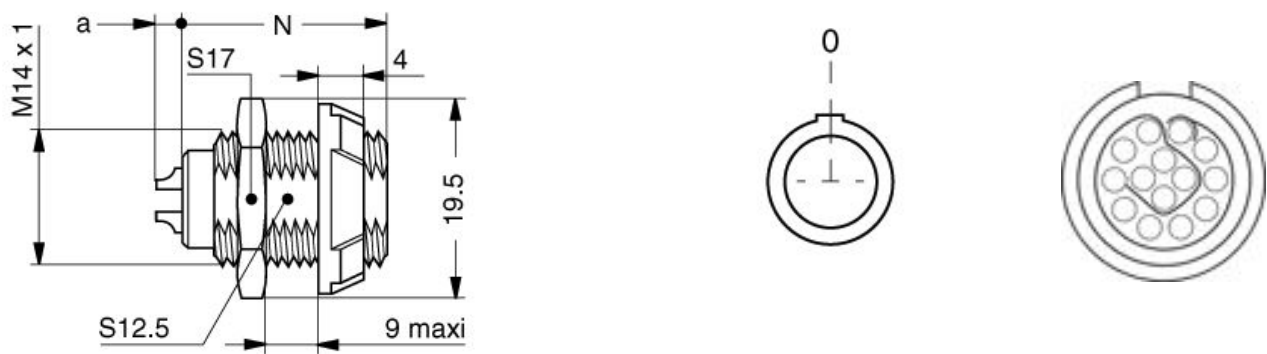
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Others

- 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

CMN.14.T28.056PGCE	PVC	GREY	
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CMN.14.T28.056QGZE CMN.14.T28.056PGZE	TPR (medical)	Grey Grey	
CMN.14.T28.056PNCE	PVC	Black	
CMN.14.T28.056PNZE			

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