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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

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Catalog

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

Weight 4.91 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^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 clerance min.: 0.6 mm Creepage distance min.: 0.6 mm

Others

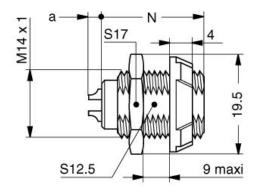
Endurance (Shell): >2000 mating cycles

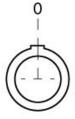
F ret (min): 50 N F ret (max): 150 N

Steam sterilization: > 100 times (with potting on rear connection)

DRAWINGS

Draws







Dimensions

	А	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	>
008 050	PVC	Black	>:====
008 280	PVC	Black	-
016 080	PVC	Grey	
042 265	PVC	Yellow	
080 140	PVC	Grey	
108 240	PTFE	White	
108 260	PTFE	White	
180 260	PVC	Black	-
280 250	PVC	Grey	>===
335 990	PVC	Black	∍——€
335 991	PVC	Black	9

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