



SUMMARY

Wires

Low voltage 4



Image is for illustrative purpose only

Series 1P

Termination type Female crimp

IP rating 50

AWG wire size 24.00 - 20.00 Cable Ø 0.00 - 0.00 mm

Status active

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Catalog

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 PEI (Polyetherimide), gray

Variant Z: without front nut

Weight 5.89 g

Performance

Configuration 1P.M04: 4 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 8 Amps

Specifications

Contact Type: Crimp Contact Retention: 24 N

Contact Dia.: 0.9 mm (0.0354in) Min. Conductor: 0.5 mm^2 (AWG 20) Max. Conductor: 0.25 mm^2 (AWG 24)

R (max): 4.5 mOhm

Test voltage (kV rms) Contact-contact: 1.2

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Air clearance min.: 1.52 mm Creepage distance min.: 1.52 mm

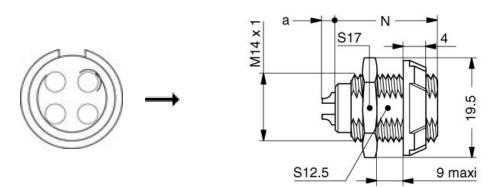
Others

Endurance (Shell): >2000 mating cycles Temp (min / max): -50°C / +170°C

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

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

DRAWINGS





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

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 20-22-24/6-5-5

Positionner: DCE.91.090.BVM

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Extractor: DCC.09.05B.LAG

Replacement contact: SINGLE: EGG.0B.664.ZZM KIT OF 4: PKG.662.04M

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