

SUMMARY

Wires

Low voltage 4



Image is for illustrative purpose only

Series	1P
Termination type	Male crimp
IP rating	64
AWG wire size	0.00 - 0.00
Cable Ø	4.00 - 5.20 mm
Status	active
Matching parts	PNC.M0.4GL.MG

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PF*: Straight plug with cable collet and nut for fitting a bend relief, watertight
Keying	2 keys (alpha=80; Plug: male contacts; Receptacle: female contacts)
Housing Material	PSU (Polysulfone), gray
Variant	G : Gray collet nut for bend relief
Weight	6.62 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

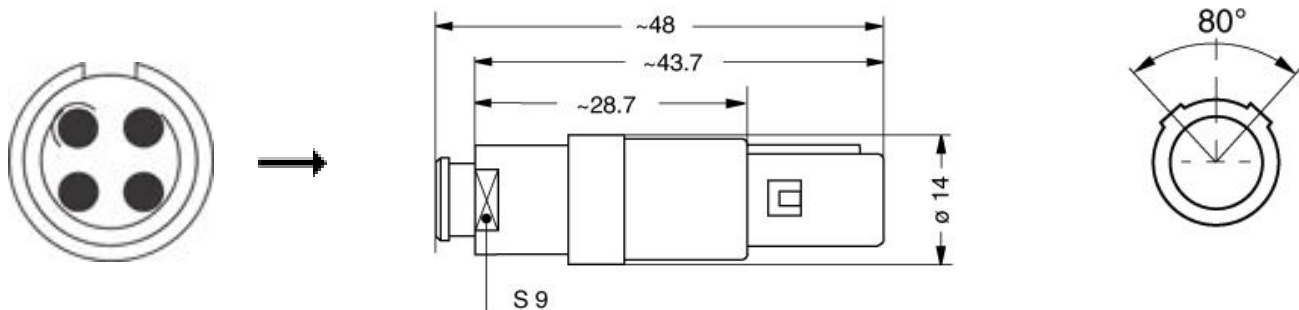
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Air clearance min.: 1.2 mm
Creepage distance min.: 1.2 mm

Others

Endurance (Shell): >2000 mating cycles
Temp (min / max): -50°C / +150°C
F ret (min): 50 N
F ret (max): 150 N
Steam sterilization: > 100 times (with potting on rear connection)

DRAWINGS



RECOMMENDED BY LEMO







Tools

Crimp Tool: [DPC.91.701.V](#)
Crimp settings: AWG/Selector = 20-22-24/6-5-5
Positionner: [DCE.91.095.BVD](#)
Extractor: [DCF.91.093.5LT](#)
Replacement contact: SINGLE: FGG.5B.562.ZZC KIT OF 4: PAG.562.04C

Cables

CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QZE	TPR (medical)	Grey	

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140240	PVC	Black	
140250	PVC	Grey	
40140	PVC	Black	
40260	PVC	Black	
4080	PVC	Grey	
4221	PVC	Black	
4280	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	

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