

## SUMMARY

### # Wires

Low voltage 2



Image is for illustrative purpose only

Series 1P  
Termination type Male crimp  
IP rating 50  
AWG wire size 0.00 - 0.00  
Cable Ø 4.00 - 5.20 mm  
Status active  
Matching parts [PKG.M0.2GL.MN](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PA\*: Straight plug with cable collet and nut for fitting a bend relief  
Keying 1 key (alpha=0; Plug: male contact; Receptacle: female contact)  
Housing Material PSU (Polysulfone), gray  
Variant N : Black collet nut for bend relief

### Performance

Configuration 1P.M02 : 2 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 10 Amps

### Specifications

Contact Type: Crimp  
Contact Retention: 20 N  
Contact Dia.: 1.3 mm (0.0512in)  
Min. Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
Max. Conductor: 1 mm<sup>2</sup> (AWG 18)  
R (max): 3.5 mOhm  
Test voltage (kV rms) Contact-contact: 1.2  
Air clearance min.: 1.52 mm  
Creepage distance min.: 1.52 mm

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## Others

Endurance (Shell): >2000 mating cycles

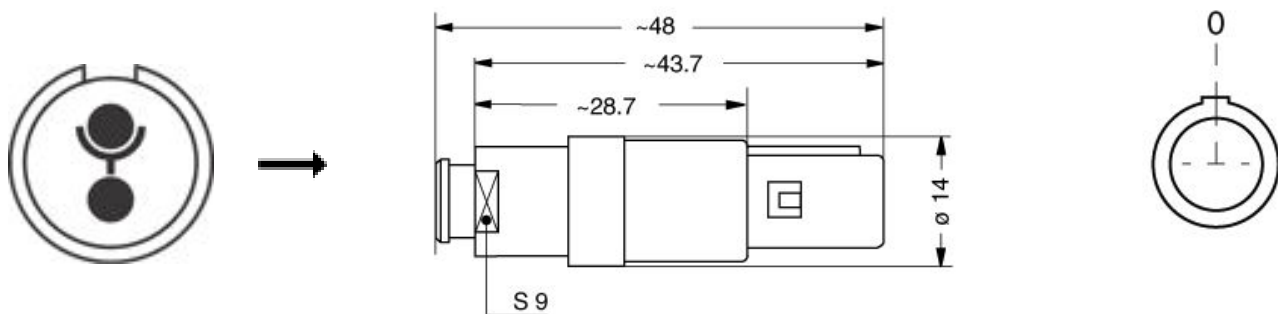
Temp (min / max): -50°C / +150°C

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 = 18-20/8-7

Positionner: [DCE.91.135.BVD](#)

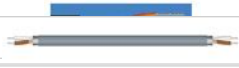
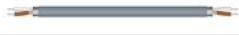





Extractor: [DCF.133.5LT](#)

Replacement contact: SINGLE: FGG.5B.567.ZZC KIT OF 2: PAG.567.02C

### Cables

CMN.02.T20.047PGZE		Grey	
CMN.02.T20.047PNZE			
CMN.02.T20.048QGZE	TPR (medical)	Grey	

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120240 120250	PVC PVC	Black Grey	
120501	PVC	Grey	
20260	PVC	Black	
20264	PVC	Black	
20266	PVC	Violet	
2221	PVC	Black	
2280	PVC	Black	
4082	PVC	Grey	

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[EXG.0B.309.HLN](#) [FFB.1S.250.CLAC27](#) [FGA.2B.306.CYCD92](#) [FGA.2B.306.CYCD92Z](#) [FGA.XB.312.CLAD72](#) [FGJ.1B.302.CYMD62](#)  
[FGJ.3B.308.CLLD72Z](#)