

## SUMMARY

### # Wires

Low voltage 2



*Image is for illustrative purpose only*

Series	1P
Termination type	Male crimp
IP rating	64
AWG wire size	0.00 - 18.00
Cable Ø	5.30 - 6.50 mm
Status	active
Matching parts	<a href="#">PNG.M0.2GL.MG</a>

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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	1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material	PSU (Polysulfone), gray
Variant	G : Gray collet nut for bend relief
Weight	5.68 g

### 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

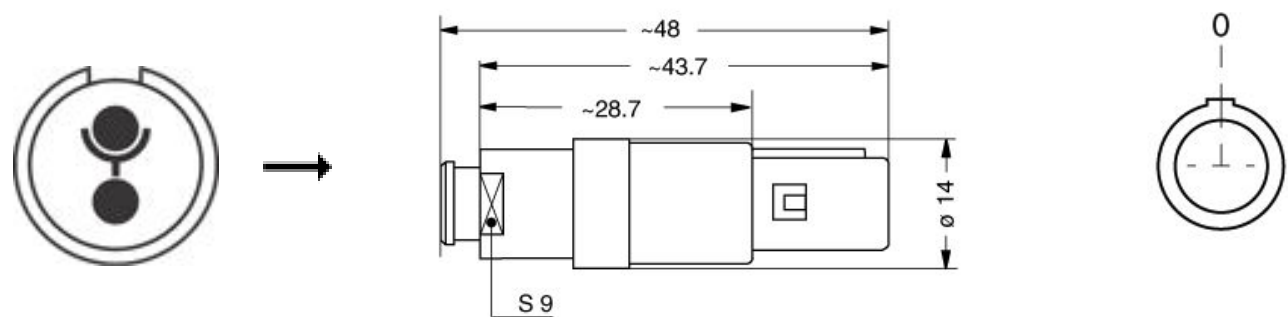
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Air clearance min.: 1.3 mm  
Creepage distance min.: 1.3 mm

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 = 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.T18.064UNCU			
102080	PVC	Grey	

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120184	PVC	Black	
120500	PVC	Grey	
120751	PVC	Grey	
220750	PVC	Grey	

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