

## SUMMARY

### # Wires

Low voltage 4

*Image is for illustrative purpose only*

Series	SP
Termination type	Female solder
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	4.00 - 5.20 mm
Status	active
Matching parts	<a href="#">SAP.M04.GLA.5NZ</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	*:
Keying	3 keys (alpha=0, gamma=60, plug: male contacts, receptacle: female contacts)
Housing Material	Proprietary sulfone, gray
Variant	NZ : Black collet nut for bend relief

### Performance

Configuration	SP.M04 : 4 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	11.5 Amps

### Specifications

Contact Type: Solder  
Contact Dia.: 1.3 mm (0.0512in)  
Bucket Dia.: 1.1 mm (0.04in)  
Min. Conductor: 0.36 mm<sup>2</sup> (AWG 22)  
Max. Conductor: 1 mm<sup>2</sup> (AWG 18)  
Test voltage (kV rms) Contact-contact: 1.60  
Air clearance min.: 0.95 mm  
Creepage distance min.: 0.95 mm

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Others

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

DRAWINGS



RECOMMENDED BY LEMO

Tools

Cables

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