

## SUMMARY

### # Wires

Low voltage 6



*Image is for illustrative purpose only*

Series	SP
Termination type	Female crimp
IP rating	50
AWG wire size	24.00 - 20.00
Cable Ø	4.00 - 5.20 mm
Status	active
Matching parts	<a href="#">SAN.M06.NLC.5NZ</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	SR/Z*: Free socket, key (N) or keys (P, S and T), with cable collet and nut for fitting a bend relief
Keying	3 keys (alpha=0, gamma=30, plug: male contacts, receptacle: female contacts)
Housing Material	Proprietary sulfone, black
Variant	NZ : Black collet nut for bend relief
Weight	7.77 g

### Performance

Configuration	SP.M06 : 6 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8.5 Amps

### Specifications

Contact Type: Crimp  
Contact Dia.: 0.9 mm (0.0354in)  
Bucket Dia.: 1.1 mm (0.04in)  
Min. Conductor: 0.2 mm<sup>2</sup> (AWG 24)  
Max. Conductor: 0.53 mm<sup>2</sup> (AWG 20)  
R (max): 8.5 mOhm

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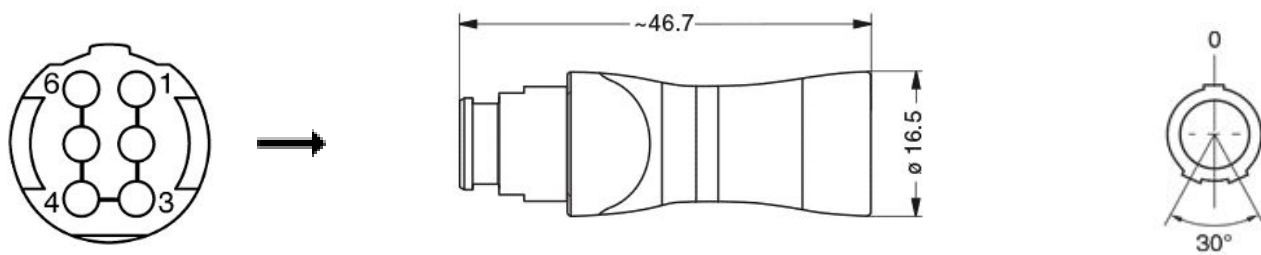
Test voltage (kV rms) Contact-contact: 1.90  
Air clearance min.: 1.5 mm  
Creepage distance min.: 1.5 mm

## Others

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

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## DRAWINGS



## Dimensions

	A	L
mm.	16.5	46.7
in.	0,65	1,84

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## RECOMMENDED BY LEMO

### Tools

Crimp Tool: [DPC.91.701.V](#)  
Crimp settings: AWG/Selector = 20-22-24/6-5-5  
Positionner: [SOE.090.VM](#)  
Replacement contact: SLN.635.ZZM

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## Cables

CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		Grey	
CMN.06.T28.044PNZE			
106240	PTFE	White	
160140	PVC	Grey	
160260	PVC	Black	
60260	PTFE	White	
6280	PVC	Black	

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