

## SUMMARY

### # Wires

Low voltage 8



Image is for illustrative purpose only

Series	SP
Termination type	Female solder
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	2.50 - 3.90 mm
Status	active
Matching parts	<a href="#">SAP.M08.NLA.3NZ</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=60, plug: male contacts, receptacle: female contacts)
Housing Material	Proprietary sulfone, black
Variant	NZ : Black collet nut for bend relief
Weight	6.97 g

### Performance

Configuration	SP.M08 : 8 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	5.0 Amps

### Specifications

Contact Type: Solder  
Contact Dia.: 0.9 mm (0.0354in)  
Bucket Dia.: 0.8 mm (0.032in)  
Max. Solid Conductor: 0.36 mm<sup>2</sup> (AWG 22)  
Max. Stranded Conductor: 0.36 mm<sup>2</sup> (AWG 22)  
R (max): 8.5 mOhm

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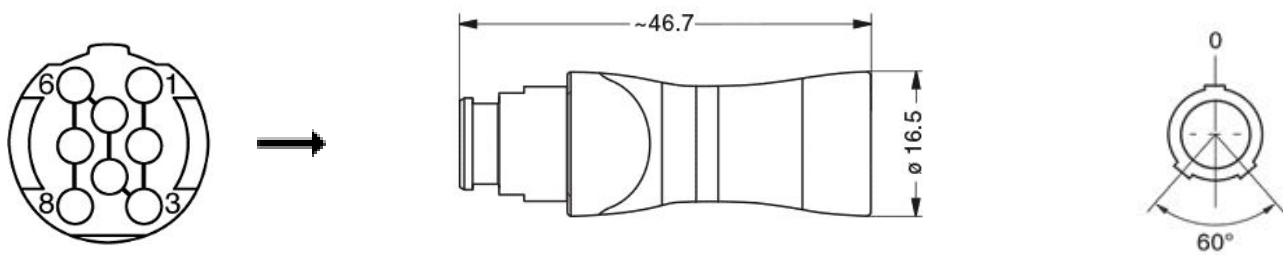
Test voltage (kV rms) Contact-contact: 1.50  
Air clearance min.: 0.75 mm  
Creepage distance min.: 0.75 mm

## 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

### Cables

8050	PVC	Black	
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