

## SUMMARY

### # Wires

Low voltage 16



*Image is for illustrative purpose only*

Series SP  
Termination type Female solder  
IP rating 50  
AWG wire size 36.00 - 28.00  
Cable Ø 2.50 - 3.90 mm  
Status active

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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 7.98 g

### Performance

Configuration SP.M16 : 16 Low V.  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 3.0 Amps

### Specifications

Contact Type: Solder  
Contact Dia.: 0.5 mm (0.0196in)  
Bucket Dia.: 0.45 mm (0.0177in)  
Max. Solid Conductor: 0.12 mm<sup>2</sup> (AWG 28)  
Max. Stranded Conductor: 0.12 mm<sup>2</sup> (AWG 28)  
R (max): 8.5 mOhm

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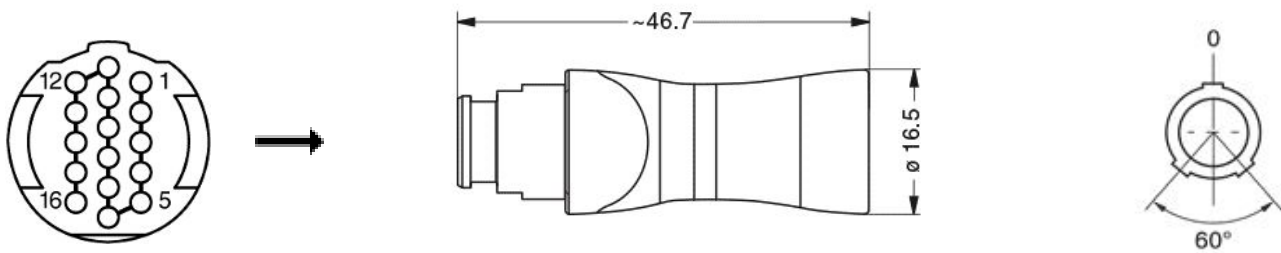
Test voltage (kV rms) Contact-contact: 0.75  
Air clearance min.: 0.47 mm  
Creepage distance min.: 0.47 mm

## 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

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