

## SUMMARY

### # Wires

Low voltage 18



Image is for illustrative purpose only

Series SP  
Termination type Male solder  
IP rating 50  
AWG wire size 36.00 - 28.00  
Cable Ø 5.30 - 6.50 mm  
Status active  
Matching parts [SKN.M18.GLLG](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model SA/Z\*: Straight plug, 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, gray  
Variant GZ : Gray collet nut for bend relief  
Weight 7.80 g

### Performance

Configuration SP.M18 : 18 Low V.  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 2.5 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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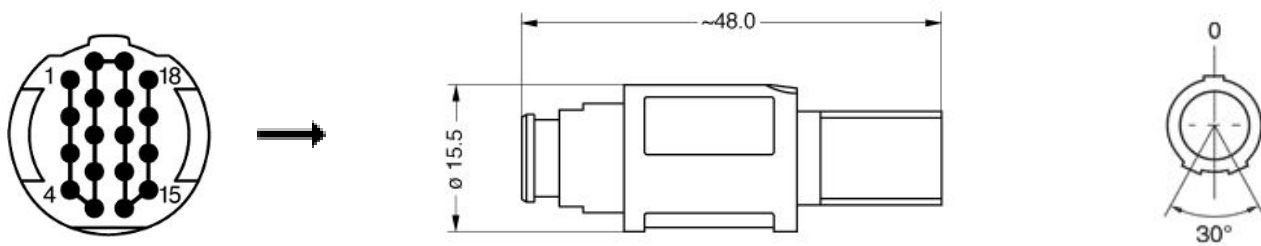
Test voltage (kV rms) Contact-contact: 0.75  
Air clearance min.: 0.47 mm  
Creepage distance min.: 0.47 mm

## Others

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

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## DRAWINGS



## Dimensions

	A	L
mm.	15.5	48
in.	0,61	1,89

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## RECOMMENDED BY LEMO

### Tools

Crimp Tool: [DPC.91.701.V](#)

### Cables

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