

## SUMMARY

### # Wires

Low voltage 16



Image is for illustrative purpose only

Series	SP
Termination type	Male solder
IP rating	50
AWG wire size	36.00 - 28.00
Cable Ø	6.60 - 7.50 mm
Status	Active
Matching parts	<a href="#">SKN.M16.NLLN</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	SA*: Straight plug, key (N) or keys (P, S and T), with black cable collet
Keying	3 keys (alpha=0, gamma=30, plug: male contacts, receptacle: female contacts)
Housing Material	Proprietary sulfone, black
Variant	N : Black collet nut
Weight	7.23 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
Test voltage (kV rms) Contact-contact: 0.75

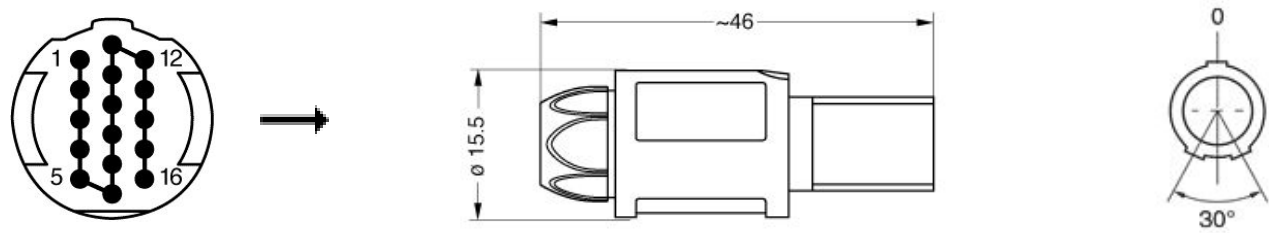
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Air clearance min.: 0.47 mm  
Creepage distance min.: 0.47 mm

Others

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

DRAWINGS



Dimensions

	A	L
mm.	15.5	46
in.	0,61	1,81

RECOMMENDED BY LEMO

Tools

Cables

CMN.16.T28.070NNZZ			
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