

## SUMMARY

### # Wires

Low voltage 16



*Image is for illustrative purpose only*

Series SP  
Termination type Male solder  
IP rating 50  
AWG wire size 32.00 - 28.00  
Cable Ø 4.00 - 5.20 mm  
Status active  
Matching parts [SKN.M16.NLLN](#)

### Download

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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 7.76 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

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# DRAWINGS

## Draws



## Dimensions

	A	L
mm.	15.5	46
in.	0.61	1.81

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# RECOMMENDED BY LEMO

## Tools

## Cables

CMN.16.T30.047QGZE	TPR (medical)	Grey	
016 050	PVC	Black	

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