

## 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	4.00 - 5.20 mm
Status	active
Matching parts	<a href="#">SAN.M16.GLA.5G</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	SR*: Free socket, key (N) or keys (P, S and T), with grey cable collet
Keying	3 keys (alpha=0, gamma=30, plug: male contacts, receptacle: female contacts)
Housing Material	Proprietary sulfone, gray
Variant	G : Gray collet nut
Weight	8.13 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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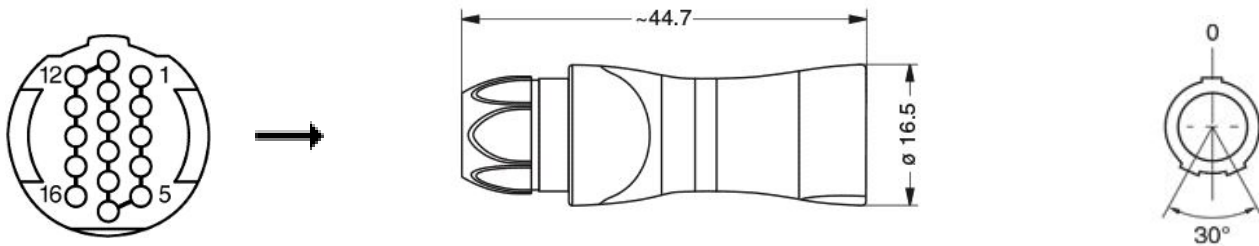
Air clearance min.: 0.47 mm  
Creepage distance min.: 0.47 mm

## Others

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

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## DRAWINGS



## Dimensions

	A	L
mm.	16.5	44.7
in.	0,65	1,76

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## RECOMMENDED BY LEMO

### Tools

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

### Cables

CMN.16.T30.047QGZE	TPR (medical)	Grey	
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16050	PVC	Black	
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