

## SUMMARY

### # Wires

Low voltage 8



*Image is for illustrative purpose only*

Series	SP
Termination type	Male solder
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	5.30 - 6.50 mm
Status	active
Matching parts	<a href="#">SRN.M08.GLL.6G</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	SA*: Straight plug, 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	47.31 g

### Performance

Configuration	SP.M08 : 8 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	5.0 Amps

### Specifications

Contact Type:	Solder
Contact Dia.:	0.9 mm (0.0354in)
Bucket Dia.:	0.8 mm (0.032in)
Max. Solid Conductor:	0.36 mm <sup>2</sup> (AWG 23)
Max. Stranded Conductor:	0.36 mm <sup>2</sup> (AWG 22)
R (max):	8.5 mOhm
Test voltage (kV rms) Contact-contact:	1.50

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Air clearance min.: 0.75 mm  
Creepage distance min.: 0.75 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

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

## Cables

CMN.08.T22.059QGC	TPR	Grey	
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CMN.08.T22.059QGZE	TPR (medical)	Grey	
16080	PVC	Grey	
180240	PVC	Black	
180260	PVC	Black	
280250	PVC	Grey	
335990	PVC	Black	
335991	PVC	Black	
42265	PVC	Yellow	
80140	PVC	Grey	

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[PHG.0K.303.CYMC40Z](#) [PHG.0K.305.CYMC40Z](#) [PHG.1B.306.CYMD76](#) [PHG.2B.310.CYMD92](#)