

## 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.6GZ</a>

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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	47.17 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

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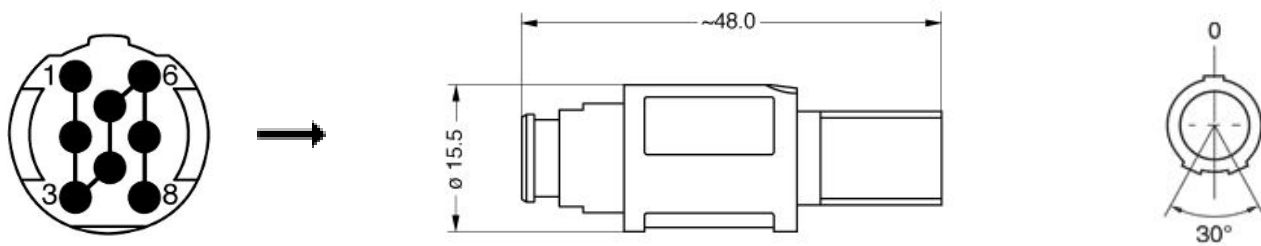
Test voltage (kV rms) Contact-contact: 1.50  
Air clearance min.: 0.78 mm  
Creepage distance min.: 0.78 mm

## 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

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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[EXG.0B.309.HLN](#) [FFB.1S.250.CLAC27](#) [FGA.2B.306.CYCD92](#) [FGA.2B.306.CYCD92Z](#) [FGA.XB.312.CLAD72](#) [FGJ.1B.302.CYMD62](#)  
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