

SUMMARY

Wires

Low voltage 8



Image is for illustrative purpose only

Series	SP
Termination type	Male crimp
IP rating	50
AWG wire size	24.00 - 20.00
Cable Ø	6.60 - 7.50 mm
Status	active
Matching parts	SRN.M08.GLM.7G

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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	47.73 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:	Crimp
Contact Dia.:	0.9 mm (0.0354in)
Bucket Dia.:	1.1 mm (0.04in)
Min. Conductor:	0.2 mm ² (AWG 24)
Max. Conductor:	0.53 mm ² (AWG 20)
R (max):	8.5 mOhm
Test voltage (kV rms) Contact-contact:	1.50

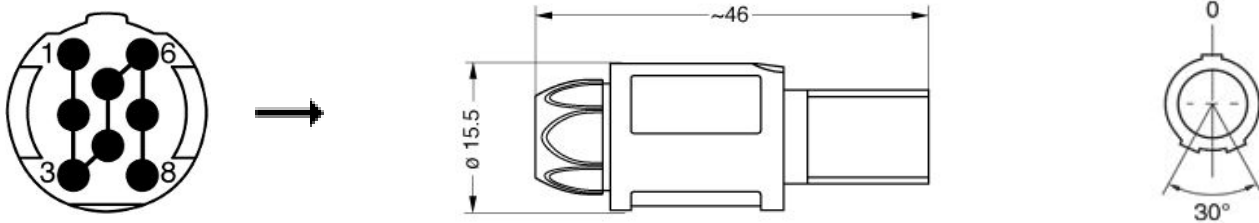
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Air clearance min.: 1.1 mm
Creepage distance min.: 1.1 mm

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

Crimp Tool: [DPC.91.701.V](#)
Crimp settings: AWG/Selector = 20-22-24/6-5-5
Positionner: [SOE.090.VC](#)
Replacement contact: SAN.535.ZZC

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Cables

CMN.08.T20.067PGCE	PVC	Grey	
CMN.08.T20.067PGZE		Grey	
CMN.08.T20.067PNZE			
108220	PVC	Black	

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