

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	SKN.M08.GLLA

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	SA*: Straight plug, key (N) or keys (P, S and T), with blue cable collet
Keying	3 keys (alpha=0, gamma=30, plug: male contacts, receptacle: female contacts)
Housing Material	Proprietary sulfone, gray
Variant	A : Blue collet nut
Weight	47.29 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 ² (AWG 23)
Max. Stranded Conductor:	0.36 mm ² (AWG 22)
R (max):	8.5 mOhm
Test voltage (kV rms) Contact-contact:	1.50

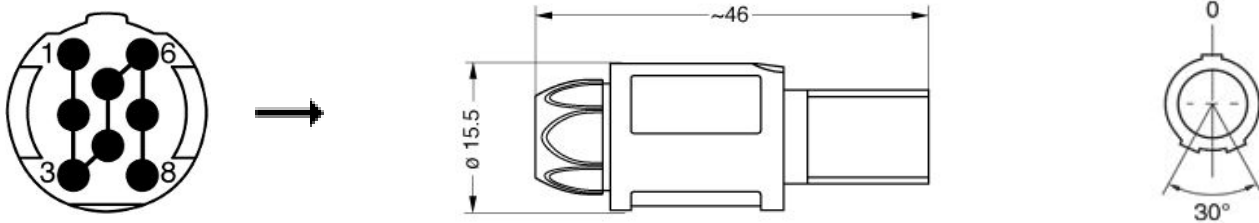
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Air clearance min.: 0.78 mm
Creepage distance min.: 0.78 mm

Others

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

DRAWINGS



Dimensions

	A	L
mm.	15.5	46
in.	0,61	1,81





RECOMMENDED BY LEMO

Tools

Cables

CMN.08.T22.059QGC	TPR	Grey	
CMN.08.T22.059QZE	TPR (medical)	Grey	

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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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