

SUMMARY

Wires

Low voltage 10



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

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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, black
Variant GZ : Gray collet nut for bend relief

Performance

Configuration SP.M10 : 10 Low V.
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 4.2 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.032in)
Max. Solid Conductor: 0.36 mm² (AWG 22)
Max. Stranded Conductor: 0.36 mm² (AWG 22)
R (max): 8.5 mOhm
Test voltage (kV rms) Contact-contact: 1.15
Air clearance min.: 0.76 mm

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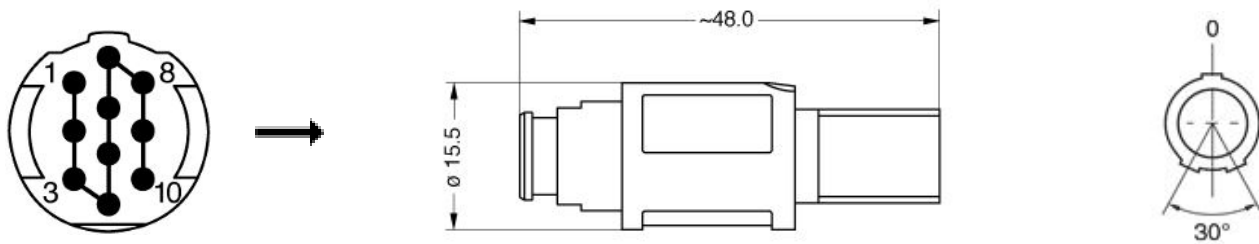
Creepage distance min.: 0.76 mm

Others

Endurance (Shell): >2000 mating cycles

Temp (min / max): -50°C / +170°C

DRAWINGS



Dimensions

	A	L
mm.	15.5	48
in.	0,61	1,89

RECOMMENDED BY LEMO

Tools

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

Cables

CMN.10.T28.053QGZE	TPR (medical)	Grey	
110240	PTFE	White	

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110280	PVC	Black	
210140	PVC	Grey	
210260	PVC	Black	

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