

SUMMARY

Wires

Low voltage 13



Image is for illustrative purpose only

Series SP
Termination type Male solder
IP rating 50
AWG wire size 30.00 - 22.00
Cable Ø 4.00 - 5.20 mm
Status active
Matching parts [SLN.M13.GLLG](#)

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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 6.62 g

Performance

Configuration SP.M13 : 13 Low V.
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 4.0 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

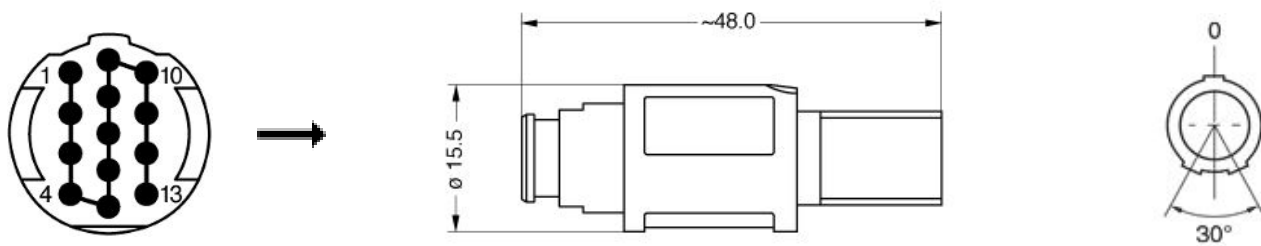
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Test voltage (kV rms) Contact-contact: 1.05
Air clearance min.: 0.5 mm
Creepage distance min.: 0.5 mm

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](#)

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