

SUMMARY

Wires

Low voltage 18



Image is for illustrative purpose only

Series SP
Termination type Male solder
IP rating 50
AWG wire size 36.00 - 28.00
Cable Ø 5.30 - 6.50 mm
Status active
Matching parts [SKN.M18.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 7.80 g

Performance

Configuration SP.M18 : 18 Low V.
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 2.5 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.5 mm (0.0196in)
Bucket Dia.: 0.45 mm (0.0177in)
Max. Solid Conductor: 0.12 mm² (AWG 28)
Max. Stranded Conductor: 0.12 mm² (AWG 28)
R (max): 8.5 mOhm

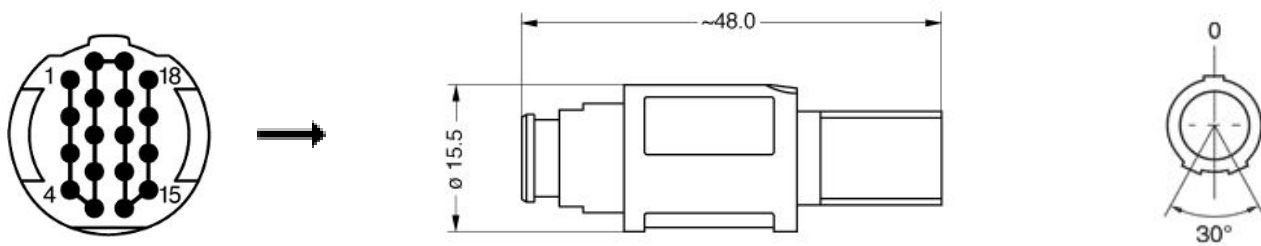
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Test voltage (kV rms) Contact-contact: 0.75
Air clearance min.: 0.47 mm
Creepage distance min.: 0.47 mm

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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