

SUMMARY

Wires

Low voltage 13



Image is for illustrative purpose only

Series	SP
Termination type	Female solder
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	6.60 - 7.50 mm
Status	active
Matching parts	SAN.M13.GLA.7GZ

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	SR/Z*: Free socket, 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	6.74 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 28)
R (max): 8.5 mOhm

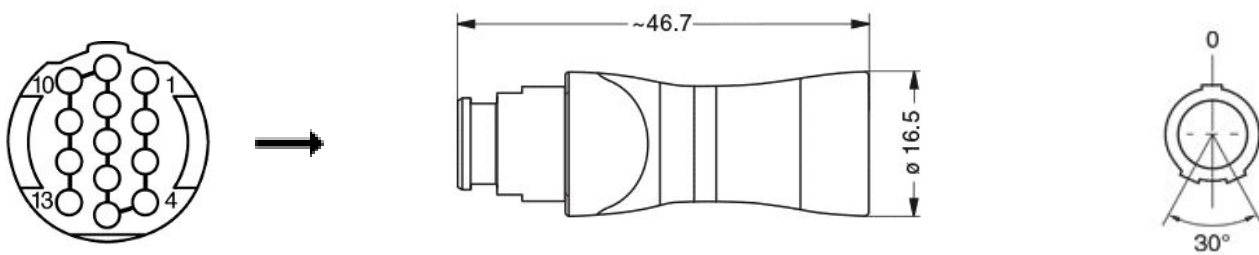
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Test voltage (kV rms) Contact-contact: 1.05
 Air clearance min.: 0.5 mm
 Creepage distance min.: 0.5 mm

Others

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

DRAWINGS



Dimensions

	A	L
mm.	16.5	46.7
in.	0,65	1,84

RECOMMENDED BY LEMO

Tools

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

Cables

CMN.13.T22.072QGZE	TPR (medical)	Grey	
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