

SUMMARY

Wires

Low voltage 22



Image is for illustrative purpose only

Series	SP
Termination type	Female solder
IP rating	50
AWG wire size	36.00 - 28.00
Cable Ø	5.30 - 6.50 mm
Status	active
Matching parts	SAN.M22.GLA.6G

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	SR*: Free socket, key (N) or keys (P, S and T), with grey cable collet
Keying	3 keys (alpha=0, gamma=30, plug: male contacts, receptacle: female contacts)
Housing Material	Proprietary sulfone, gray
Variant	G : Gray collet nut
Weight	8.74 g

Performance

Configuration	SP.M22 : 22 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2.0 Amps

Specifications

Contact Type:	Solder
Contact Dia.:	0.5 mm (0.0196in)
Bucket Dia.:	0.45 mm (0.0177in)
Max. Solid Conductor:	0.12 mm ² (AWG 28)
Max. Stranded Conductor:	0.12 mm ² (AWG 28)
R (max):	8.5 mOhm
Test voltage (kV rms) Contact-contact:	0.60

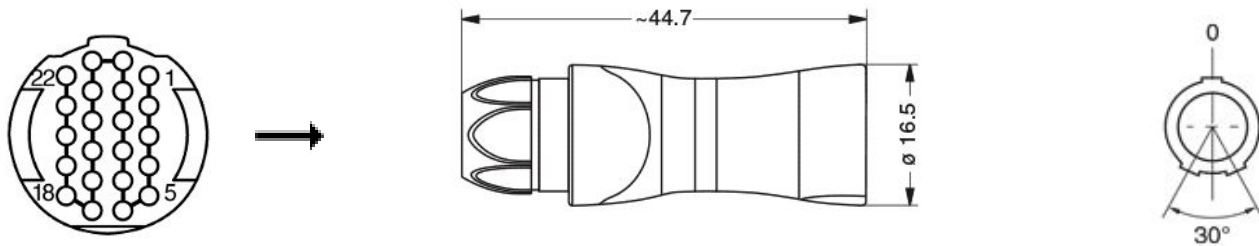
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Air clearance min.: 0.48 mm
Creepage distance min.: 0.48 mm

Others

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

DRAWINGS



Dimensions

	A	L
mm.	16.5	44.7
in.	0,65	1,76

RECOMMENDED BY LEMO

Tools

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

Cables

CMN.22.T30.054QGZE	TPR (medical)	Grey	
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