

## 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	0.00 - 0.00 mm
Status	Active
Matching parts	<a href="#">SAP.M13.GLA.6G</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	SK_.SP*: Fixed socket, key (N) or keys (P, S and T), with two nuts (back panel mounting), grey front nut
Keying	3 keys (alpha=0, gamma=60, plug: male contacts, receptacle: female contacts)
Housing Material	Proprietary sulfone, gray
Variant	G : Gray front nut
Weight	4.45 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 mm<sup>2</sup> (AWG 22)  
Max. Stranded Conductor: 0.36 mm<sup>2</sup> (AWG 28)  
R (max): 8.5 mOhm

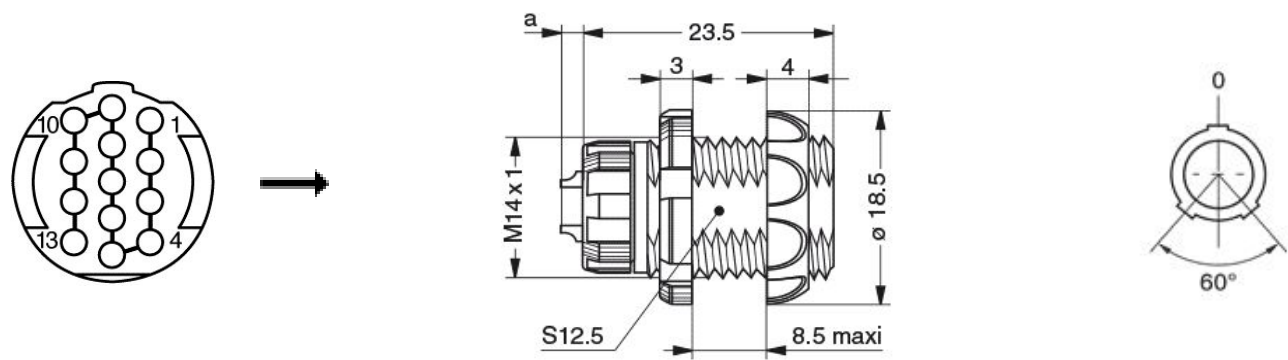
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Test voltage (kV rms) Contact-contact: 1.05  
Air clearance min.: 0.5 mm  
Creepage distance min.: 0.5 mm

Others

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

DRAWINGS



Dimensions

	B	E <sub>max</sub>	N	a	e
mm.	18.5	8.5	23.5	2.2	M14x1
in.	0,73	0,33	0,93	0,09	

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Tools

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