

## 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	6.60 - 7.50 mm
Status	active
Matching parts	<a href="#">SRN.M13.GLL.7G</a>

### Download

[Request a quote](#)

[Eplan](#)

[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	SA*: Straight plug, 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	6.23 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 22)
R (max):	8.5 mOhm
Test voltage (kV rms) Contact-contact:	1.05

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

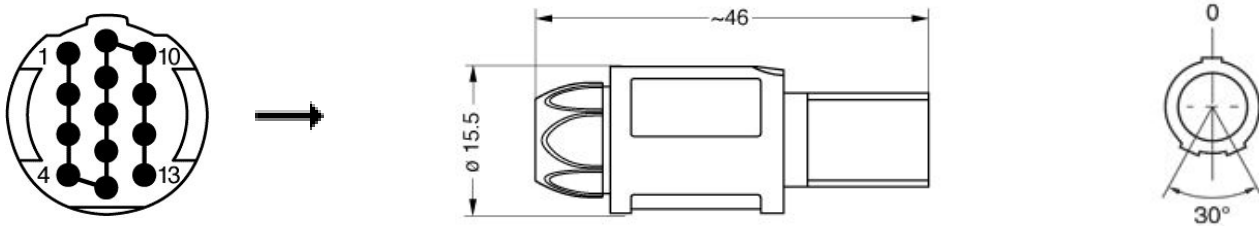
Air clearance min.: 0.5 mm  
Creepage distance min.: 0.5 mm

## Others

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

---

## DRAWINGS



## Dimensions

	A	L
mm.	15.5	46
in.	0,61	1,81

---

## RECOMMENDED BY LEMO

### Tools

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

### Cables

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

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.