

## 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](#)

### Download

[Request a quote](#)  
[Eplan](#)  
[Catalog](#)

## 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 mm<sup>2</sup> (AWG 28)  
Max. Stranded Conductor: 0.12 mm<sup>2</sup> (AWG 28)  
R (max): 8.5 mOhm

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.

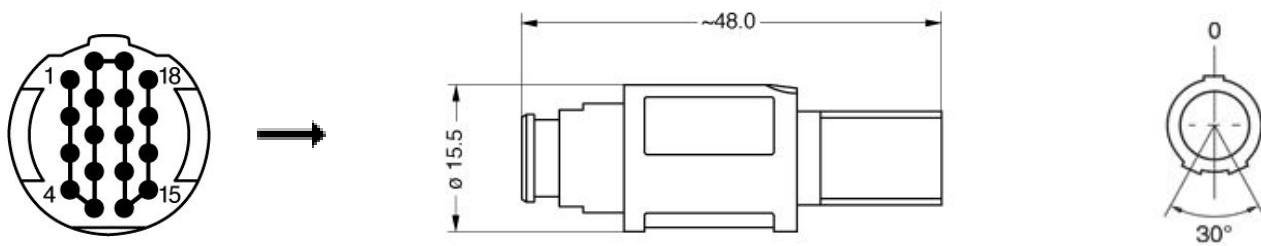
Test voltage (kV rms) Contact-contact: 0.75  
Air clearance min.: 0.47 mm  
Creepage distance min.: 0.47 mm

## 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](#)

*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.*