

## SUMMARY

### # Wires

Low voltage 6



Image is for illustrative purpose only

Series	SP
Termination type	Male crimp
IP rating	50
AWG wire size	24.00 - 20.00
Cable Ø	5.30 - 6.50 mm
Status	active
Matching parts	<a href="#">SLP.M06.NLLN</a>

### Download

[Request a quote](#)

[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=60, plug: male contacts, receptacle: female contacts)
Housing Material	Proprietary sulfone, black
Variant	NZ : Black collet nut for bend relief
Weight	7.61 g

### Performance

Configuration	SP.M06 : 6 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8.5 Amps

### Specifications

Contact Type: Crimp  
Contact Dia.: 0.9 mm (0.0354in)  
Bucket Dia.: 1.1 mm (0.04in)  
Min. Conductor: 0.2 mm<sup>2</sup> (AWG 24)  
Max. Conductor: 0.53 mm<sup>2</sup> (AWG 20)  
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.

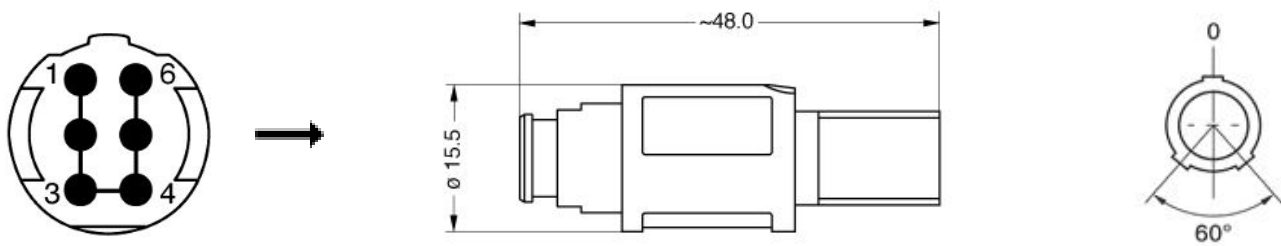
Test voltage (kV rms) Contact-contact: 1.90  
Air clearance min.: 1.5 mm  
Creepage distance min.: 1.5 mm

## 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](#)  
Crimp settings: AWG/Selector = 20-22-24/6-5-5  
Positionner: [SOE.090.VC](#)  
Replacement contact: SAN.535.ZZC

*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.*

## Cables

CMN.06.T20.062PGZE		Grey	
CMN.06.T20.062PNZE			
CMN.06.T20.062QGZE	TPR (medical)	Grey	
106220	PVC	Black	
12080	PVC	Grey	
160240	PVC	Black	
260250	PVC	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.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[LEMO:](#)

[SAP.M06.NLC.6NZ](#)