

## SUMMARY

### # Wires

Low voltage 6



*Image is for illustrative purpose only*

|                  |                              |
|------------------|------------------------------|
| Series           | SP                           |
| Termination type | Male solder                  |
| IP rating        | 50                           |
| AWG wire size    | 26.00 - 22.00                |
| Cable Ø          | 5.30 - 6.50 mm               |
| Status           | active                       |
| Matching parts   | <a href="#">SKN.M06.GLLG</a> |

### 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            | 6.24 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: Solder  
Contact Dia.: 1.3 mm (0.0512in)  
Bucket Dia.: 1.1 mm (0.04in)  
Min. Conductor: 0.36 mm<sup>2</sup> (AWG 22)  
Max. Conductor: 1 mm<sup>2</sup> (AWG 18)  
Test voltage (kV rms) Contact-contact: 1.50

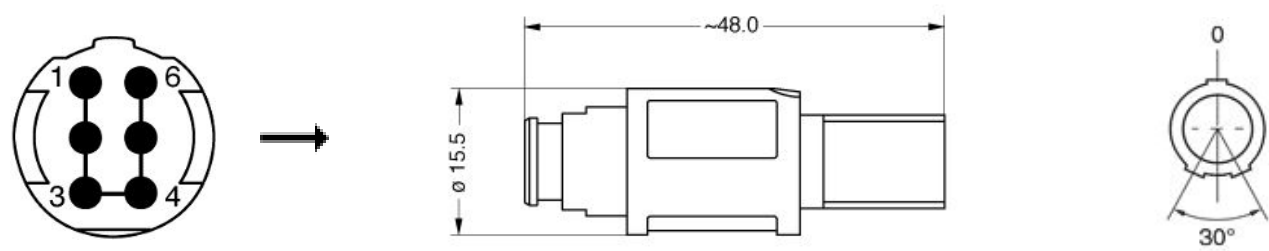
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO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

Air clearance min.: 1.2 mm  
Creepage distance min.: 1.2 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](#)

Cables

|        |     |       |   |
|--------|-----|-------|---|
| 106220 | PVC | Black |  |
| 12080  | 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.

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|

|        |     |       |   |
|--------|-----|-------|---|
| 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:

[SAN.M06.GLA.6GZ](#)