# PTG.M0.6NL.LC65N

## Summary

Request a quote

Catalog

| | |
|---|---|
| Low Voltage | 6 |
| Wire Size/AWG | 32 - 24 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 5.30 - 6.50 mm |
| Size | 1P |
| Matching parts | PAG.M0.6NL.AC65N |
| Series | REDEL P - Push-Pull |

## Technical details


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.

## Electrical Configuration

| | |
|---|---|
| Contact Termination Low voltage | Solder |
| R (max) | 6.5 mOhm |
| Insert configuration value | 1P.M06 - 6 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 6 Amps |
| Test voltage (kV rms) Contact-contact | 1.05 |
| Contact Type | Solder |
| Max. Solid Conductor | 0.14 mm^2 (AWG 26) |
| Max. Stranded Conductor | 0.14 mm^2 (AWG 26) |
| Air clearance | 0.85 mm |
| Creepage distance | 0.85 mm |
| Bucket Dia. | 0.6 mm (0.024in) |
| Contact Dia. | 0.7 mm (0.0275in) |
| Low Voltage | 6 |
| Wire Size/AWG | 32 - 24 |
| Gender | Standard |

## Form & Material

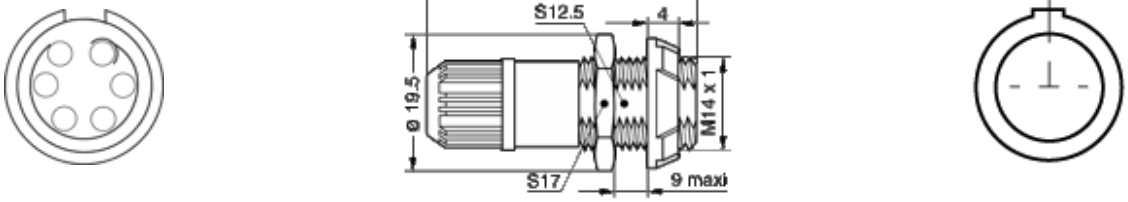
| | |
|---|---|
| Shell style / Model id | PT - Fixed receptacle with two nuts and cable collet (back panel mounting) |
| Socket / Receptacle | Fixed Panel Rear Mounted |
| Housing material | PSU (Polysulfone), black |
| Locking system | Push-pull |
| Keying | 1 key (alpha=0, Plug: male contact, Receptacle: female contact) |
| Variant | Black collet nut |
| Weight | 6.1 g |


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.

| Environment | |
|---|---|
| Technical domain | Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV |
| Environmental protection (IP rating) | IP50 |
| Minimal temperature | -50°C / +150°C |
| F ret (max) | 150 N |
| F ret (min) | 50 N |
| Steam sterilization | > 100 times (with potting on rear connection) |

| Cable fixation | |
|---|---|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 5.30 - 6.50 mm |

# Drawings




## Dimensions

| | A | L | N |
|---|---|---|---|
| mm. | 19.5 | 40 | 22.2 |
| in. | 0.77 | 1.57 | 0.87 |

# Recommended By Lemo

| Accessories |
|---|
| Tools |

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/ptg-m0-6nl-lc65n.html
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

| Cable PartNumber | Material | Colour | Cable image |
|---|---|---|---|
| 12080 | PVC | Grey | |
| 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.