# PLA.M1.4SL.LN



*Image for illustrative purpose only*

## Summary

Request a quote

Catalog

| | |
|---|---|
| Number of contacts Low Voltage | 14 |
| Wire Size/AWG | 34 - 28 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 1.00 - 12.60 mm |
| Size | 1P |
| Suggested matching part | PAA.M1.4SL.AC52GZ |
| Series | REDEL P - Push-Pull |

# Technical details

## Electrical Configuration

| | |
|---|---|
| Number of contacts Low Voltage | 14 |
| Contact Termination Low voltage | Solder |
| R (max) | 8.5 mOhm |
| Insert configuration value | 1P.M14 - 14 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 2 A |
| Test voltage contact-contact | 0.85 (kV DC) |
| Max. Solid Conductor | 0.09 mm^2 (AWG 28) |
| Max. Stranded Conductor | 0.09 mm^2 (AWG 28) |
| Air clearance | 0.5 mm |
| Creepage distance | 0.5 mm |
| Bucket Dia. | 0.45 mm (0.018in) |
| Contact Dia. | 0.5 mm (0.0201in) |
| Wire Size/AWG | 34 - 28 |
| Gender | Standard |

## Form & Material

| | |
|---|---|
| Shell style / Model id | PL - Fixed receptacle, nut fixing |
| Socket / Receptacle | Fixed Panel Front Mounted |
| Housing material | PEI (Polyetherimide), grey |
| Locking system | Push-pull |
| Keying | A: 2 keys (alpha=40, Plug: male contacts, Receptacle: female contacts) |
| Colour | Grey - Black |
| Variant | Black front nut |
| Weight | 5.72 g |

## Environment

| | |
|---|---|
| Technical domain | Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV |
| Environmental sealing (IP rating) | IP50 |
| Endurance | > 5000 mating cycles |
| Temperature range | -50°C / +170°C |
| F ret (max) | 150 N |
| F ret (min) | 50 N |
| Steam sterilization | Fully sterilizable (Steam, Gamma, ETO) following our protocols and tests in line with ISO 11134 and IEC 60601-1 standards. For more details on sterilization methods and cycles, please contact us. |

## Cable fixation

| | |
|---|---|
| Jacket cable outside diameter [mm] | 1.00 - 12.60 mm |

# Recommended By Lemo

## Accessories

| | |
|---|---|
| Compatible cap | PBG.200.BMV |

# Cables

| Cable PartNumber | Material | Colour | Cable image |
|---|---|---|---|
| CMN.14.T28.056PGZE | | grey |  |
| CMN.14.T28.056PNZE | | |  |
| CMN.14.T28.056QGZE | TPR (medical) | Grey |  |