



Image for illustrative purpose only

Summary

[Request a quote](#)

[Catalog](#)

| | |
|------------------------------------|-----------------------------------|
| Nb of contacts Triax | 1 |
| Socket / Receptacle | Socket / Receptacle - Free |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 8.60 - 9.00 mm |
| Size | 4M |
| Suggested matching part | FGG.4M.650.CTLC90 |

https://www.lemo.com/int_en/phg-4m-650-ctac90.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.

Technical details

Electrical Configuration

| | |
|----------------------------|---------------------------|
| Nb of contacts Triax | 1 |
| Contact Termination Triax | Solder |
| Insert configuration value | 4M.650 - 1 Triax (50 Ohm) |
| Insulator | T: PTFE |
| Rated current | 26 A |
| Impedance | 50 Ohm |
| OHM | 50 |
| Vtest | 1800 V (AC), 2540 V (DC) |
| Contact Type | Triaxial 50 Ohm (Solder) |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | PHG - Straight receptacle with cable collet |
| Socket / Receptacle | Free |
| Housing material | Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Locking system | Push-pull |
| Keying | 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Colour | Grey |
| Weight | 167.03 g |

Environment

| | |
|-----------------------------------|---|
| Technical domain | Motorsport, Security and Defence, Transportation, Aerospace and UAV |
| Environmental sealing (IP rating) | IP66 |
| Climatical Category | 55/175/21 |
| Humidity (max) | <=95% [at 60 deg C /140 F] |
| Shielding (min) | 85 dB (10 MHz) |
| Shock Resistance | 100 g [6 ms] |
| Vibration | 15 g [10 Hz - 2000 Hz] |
| Salt Spray Corrosion | >1000 hr |

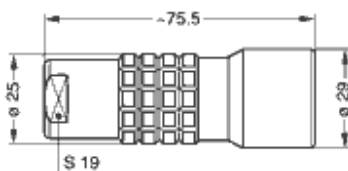
https://www.lemo.com/int_en/phg-4m-650-ctac90.html

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.

Cable fixation

| | |
|------------------------------------|----------------|
| Cable termination protection | Heatshrink |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 8.60 - 9.00 mm |

Drawings



Dimensions

| | A | B | L | S2 |
|-----|----------|----------|----------|-----------|
| mm. | 29 | 25 | 75.5 | 19 |
| in. | 1.14 | 0.98 | 2.97 | 0.75 |

Recommended By Lemo

Accessories

Compatible cap

[BGF.4M.200.XAZ](#)

https://www.lemo.com/int_en/phg-4m-650-ctac90.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.