



*Image for illustrative purpose only*

## Summary

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|                                    |                                    |
|------------------------------------|------------------------------------|
| Number of contacts Low Voltage     | 5                                  |
| Wire Size/AWG                      | 26 - 22                            |
| Gender                             | Standard                           |
| Socket / Receptacle                | Socket / Receptacle - Free         |
| Locking system                     | Push-pull                          |
| Jacket cable outside diameter [mm] | 2.10 - 2.50 mm                     |
| Size                               | 0T                                 |
| Suggested matching part            | <a href="#">FGG.0T.305.CYCC25Z</a> |
| Series                             | T - Small Outdoor keyed            |

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/phg-0t-305-cymc25z.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/phg-0t-305-cymc25z.html)

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# Technical details

## Electrical Configuration

|                                 |                               |
|---------------------------------|-------------------------------|
| Contact Termination Low voltage | Crimp                         |
| R (max)                         | 6.1 mOhm                      |
| Insert configuration value      | T.305 - 5 Low Voltage         |
| Insulator                       | Y: PEEK for crimp contacts    |
| Rated current                   | 6.5 A                         |
| Vtest (contact-contact)         | 1250 V (AC), 1770 V (DC)      |
| Vtest (contact-shell)           | 1200 V (AC), 1700 V (DC)      |
| Contact retention               | 22 N                          |
| Contact Type                    | Crimp                         |
| Max. Conductor                  | 0.34 mm <sup>2</sup> (AWG 22) |
| Min. Conductor                  | 0.14 mm <sup>2</sup> (AWG 26) |
| Bucket Dia.                     | 0.8 mm (0.031in)              |
| Contact Dia.                    | 0.7 mm (0.028in)              |
| Number of contacts Low Voltage  | 5                             |
| Wire Size/AWG                   | 26 - 22                       |
| Gender                          | Standard                      |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | PH - Free receptacle, cable collet and nut for fitting a bend relief  |
| 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                 | G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)  |
| Colour                 | Grey  |
| Variant                | Nut for fitting a bend relief   |
| Weight                 | 23.55 g   |

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## Environment

|                                   |   |
|-----------------------------------|---|
| Technical domain                  | Energy and Industrial, Test and Measurement |
| Environmental sealing (IP rating) | IP68  |
| Endurance                         | >3000 mating cycles                         |
| Temperature range                 | -55°C / +200°C                              |
| Climatical Category               | 50/175/21                                   |
| Humidity (max)                    | <=95% [at 60 deg C /140 F]                  |
| Resistance to vibration           | 15 g [10 Hz - 2000 Hz]                      |
| Shock Resistance                  | 100 g [ 6 ms]                               |
| Salt Spray Corrosion              | >1000 hr                                    |

## Cable fixation

|                                    |                       |
|------------------------------------|-----------------------|
| Cable termination protection       | For cable bend relief |
| Fixation type                      | Cable collet          |
| Jacket cable outside diameter [mm] | 2.10 - 2.50 mm        |

# Recommended By Lemo

## Accessories

|                     |                                |
|---------------------|--------------------------------|
| Replacement contact | <a href="#">EGG.0B.655.ZZM</a> |
| Compatible cap      | <a href="#">BRF.0T.200.CAZ</a> |

## Tools

|                 |                                |
|-----------------|--------------------------------|
| Spanner         | <a href="#">DCP.0T.110.TN</a>  |
| Positionner     | <a href="#">DCE.91.070.BVM</a> |
| Extraction tool | <a href="#">DCC.07.04B.LAG</a> |
| Crimp tool      | <a href="#">DPC.91.701.V</a>   |

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