

## SUMMARY

### # Wires

Low voltage 8



*Image is for illustrative purpose only*

|                  |                                |
|------------------|--------------------------------|
| Series           | 1T                             |
| Termination type | Male solder                    |
| IP rating        | 68                             |
| AWG wire size    | 22.00 - 22.00                  |
| Cable Ø          | 4.10 - 4.50 mm                 |
| Status           | active                         |
| Matching parts   | <a href="#">EGG.1T.308.CLL</a> |

### Download

[Request a quote](#)

[Eplan](#)

[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------|
| Shell Style/Model | FG*: Straight plug, cable collet and nut for fitting a bend relief                          |
| Keying            | 1 key (alpha=0, plug: male contacts, receptacle: female contacts)                           |
| Housing Material  | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Variant           | Z : Nut for fitting a bend relief                                                           |
| Weight            | 17.57 g                                                                                     |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 1T.308 : 8 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 5 Amps                    |

### Specifications

|                                                        |
|--------------------------------------------------------|
| Contact Type: Solder                                   |
| Contact Dia.: 0.7 mm (0.028in)                         |
| Bucket Dia.: 0.8 mm (0.031in)                          |
| Max. Stranded Conductor: 0.34 mm <sup>2</sup> (AWG 22) |
| Max. Conductor: 0.34 mm <sup>2</sup> (AWG 22)          |
| R (max): 6.1 mOhm                                      |
| Vtest (contact-shell): 1150 V (AC), 1630 V (DC)        |

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.

Vtest (contact-contact): 950 V (AC), 1340 V (DC)

Others

- Endurance (Shell): >3000 mating cycles
- Temp (min / max): -55°C / +200°C
- Humidity (max): <=95% [at 60 deg C / 140 F]
- Resistance to vibration: 15 g [10 Hz - 2000 Hz]
- Shock Resistance: 100 g [ 6 ms]
- Climatical Category: 50/175/21
- Shielding efficiency (min): 75 dB (at 10 MHz)
- Shielding efficiency (min): 40 dB (at 1 GHz)
- Salt Spray Corrosion: >1000 hr

DRAWINGS

Draws



Dimensions

|     | A    | L    | M    | S1   | S2   |
|-----|------|------|------|------|------|
| mm. | 12   | 45   | 34   | 11   | 9    |
| in. | 0.47 | 1.77 | 1.34 | 0.43 | 0.35 |

RECOMMENDED BY LEMO

Tools

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

|                    |               |      |                                                                                     |
|--------------------|---------------|------|-------------------------------------------------------------------------------------|
| CMN.08.T26.042QGZE | TPR (medical) | 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.