# ECC.1B.308.CYM



# Summary

Request a quote

Catalog

| | |
|---|---|
| Number of contacts Low Voltage | 8 |
| Wire Size/AWG | 26 - 22 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 1.00 - 10.60 mm |
| Size | 1B |
| Suggested matching part | FGC.1B.308.CYCD42 |
| Series | B - Indoor keyed |

# Technical details

## Electrical Configuration

| | |
|---|---|
| Contact Termination Low voltage | Crimp |
| R (max) | 6.1 mOhm |
| Insert configuration value | 1B.308 - 8 Low Voltage |
| Insulator | Y: PEEK for crimp contacts |
| Rated current | 5 A |
| Vtest (contact-contact) | 1300 V (AC), 1840 V (DC) |
| Vtest (contact-shell) | 1300 V (AC), 1840 V (DC) |
| Contact retention | 22 N |
| Contact Type | Crimp |
| Max. Conductor | 0.34 mm^2 (AWG 22) |
| Min. Conductor | 0.14 mm^2 (AWG 26) |
| Bucket Dia. | 0.8 mm (0.031in) |
| Contact Dia. | 0.7 mm (0.028in) |
| Number of contacts Low Voltage | 8 |
| Number of differentiated pairs (High speed) | 4 |
| Wire Size/AWG | 26 - 22 |
| Gender | Standard |

## Form & Material

| | |
|---|---|
| Shell style / Model id | EC - Fixed receptacle with two nuts (back panel mounting) |
| Socket / Receptacle | Fixed Panel Rear Mounted |
| 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 | 2 keys (alpha=90, plug: male contacts, receptacle: female contacts) |
| Colour | Grey |
| Weight | 12.06 g |

## Environment

| | |
|---|---|
| Technical domain | Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV |
| Environmental sealing (IP rating) | IP50 |
| Endurance | 5000 mating cycles |
| Temperature range | -55°C / +250°C |
| Climatical Category | 50/175/21 |
| Humidity (max) | <=95% [at 60 deg C /140 F] |
| Shielding (min) | 75 dB (10 MHz) |
| Shielding (min) | 40 dB (1 GHz) |
| Shock Resistance | 100 g [ 6 ms] |
| Vibration | 15 g [10 Hz - 2000 Hz] |
| Salt Spray Corrosion | >1000 hr |

## Cable fixation

| | |
|---|---|
| Jacket cable outside diameter [mm] | 1.00 - 10.60 mm |

# Recommended By Lemo

### Accessories

| | |
|---|---|
| Replacement contact | EGG.1B.655.ZZM |
| Compatible cap | BRE.1S.200.NAS |

### Tools

| | |
|---|---|
| Spanner 2 | DCH.91.161.PA |
| Positionner | DCE.91.071.BVM |
| Extraction tool | DCC.07.04B.LAG |
| Crimp tool | DPC.91.701.V |
| Spanner wrench | Socket for torque wrench DCM.1S.M12.4 |

# Cables

| Cable PartNumber | Material | Colour | Cable image |
|---|---|---|---|
| CMN.08.T22.059QGC | TPR | Grey | |
| CMN.08.T22.059QGZE | TPR (medical) | Grey |  |
| CMN.08.T26.042QGZE | TPR (medical) | Grey |  |
| 108220 | PVC | Black |  |
| 108240 | PTFE | White |  |
| 108260 | PTFE | White |  |
| 16080 | PVC | Grey | |
| 180240 | PVC | Black |  |
| 180260 | PVC | Black |  |
| 280250 | PVC | Grey |  |
| 335990 | PVC | Black |  |
| 335991 | PVC | Black |  |
| 42265 | PVC | Yellow | |
| 80140 | PVC | Grey |  |
| 8050 | PVC | Black |  |
| 8280 | PVC | Black |  |