ECB.2B.316.CYM





Image for illustrative purpose only

Summary

Request a quote

| Catalog | |
|------------------------------------|--|
| | 16 |
| Number of contacts Low Voltage | 16 |
| Wire Size/AWG | 26 - 22 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 2.00 - 13.60 mm |
| Size | 2B |
| Suggested matching part | FGB.2B.316.CYCD72Z |
| Series | B - Indoor keyed |

Technical details

Electrical Configuration

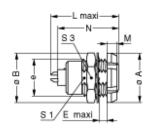
| Number of contacts Low Voltage | 16 |
|---------------------------------|---|
| Contact Termination Low voltage | Crimp |
| R (max) | 6.1 mOhm |
| Insert configuration value | 2B.316 - 16 Low Voltage |
| Insulator | Y: PEEK for crimp contacts |
| Rated current | 6 A |
| Vtest (contact-contact) | 2.2 kV (DC) |
| Vtest (contact-shell) | 2.5 kV (DC) |
| Contact retention | 22 N |
| 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) |
| 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 | B: 2 keys (alpha=45, plug: male contacts, receptacle female contacts) |
| Colour | Grey |
| | |

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 (max. temperature valid for short periods of use.) | | |
| 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] | 2.00 - 13.60 mm | | |
| | | | |

Drawings







Dimensions

| | В | A | L | M | N | S1 | S3 | E | е |
|-----|------|------|------|------|------|------|-----------|------|---------|
| mm. | 19.2 | 20 | 26.7 | 3.5 | 24.6 | 13.5 | 17 | 6.5 | M15x1.0 |
| in. | 0.76 | 0.79 | 1.05 | 0.14 | 0.97 | 0.53 | 0.67 | 0.26 | |

Recommended By Lemo

Accessories

| Replacement contact | EGG.2B.655.ZZM |
|---------------------|---|
| Compatible cap | BRE.2S.200.NAS |
| Tools | |
| Spanner 2 | DCH.91.201.PA |
| Positionner | DCE.91.072.BVM |
| Extraction tool | DCC.07.04B.LAG |
| Crimp tool | DPC.91.701.V |
| Spanner wrench | Socket for torque wrench DCM.65.170.AZ and DCM.2S.M15.6 |

Cables

| Cable PartNumber | Material | Colour | Cable image |
|--------------------|---------------|--------|-------------|
| CMN.16.T22.076QGZE | TPR (medical) | Grey | |
| CMN.16.T28.059PGZE | | grey | > |
| CMN.16.T28.059PNZE | | | |
| CMN.16.T28.070NNZZ | | | |
| CMN.16.T30.047QGZE | TPR (medical) | Grey | > |
| 116080 | PUR | Black | |
| 116280 | PVC | Black | |
| 16050 | PVC | Black | |
| 216220 | PVC | Black | |
| 216240 | PVC | Black | |
| 216260 | PVC | Black | |
| 316250 | PVC | Grey | |