PKG.2B.312.CYMD92





Image for illustrative purpose only

Summary

Request a quote

| Catalog | |
|------------------------------------|---|
| | 12 |
| Number of contacts Low Voltage | 12 |
| Wire Size/AWG | 26 - 22 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 8.30 - 9.20 mm |
| Size | 2B |
| Suggested matching part | FGG.2B.312.CYCD92 |
| Series | B - Indoor keyed |

Technical details

Electrical Configuration

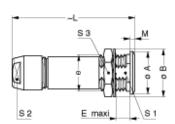
| Number of contacts Low Voltage | 12 | | |
|---------------------------------|---|--|--|
| Contact Termination Low voltage | Crimp | | |
| R (max) | 6.1 mOhm | | |
| Insert configuration value | 2B.312 - 12 Low Voltage | | |
| Insulator | Y: PEEK for crimp contacts | | |
| Rated current | 7 A | | |
| Vtest (contact-contact) | 2.3 kV (DC) | | |
| Vtest (contact-shell) | 2.9 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 | PK - Fixed receptacle, nut fixing, cable collet | | |
| Socket / Receptacle | Fixed Panel Front 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 | G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) | | |
| Colour | Grey | | |
| Weight | 29.96 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 (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 | | | | | |
| Cable termination protection | Standard back nut (no additional protection) | | | | |
| Fixation type | Cable collet | | | | |
| Jacket cable outside diameter [mm] | 8.30 - 9.20 mm | | | | |

Drawings







Dimensions

| | L | M | S1 | S2 | S 3 | E | A | В | е |
|-----|------|------|-----------|-----------|------------|------|------|------|---------|
| mm. | 47 | 1.8 | 13.5 | 12 | 17 | 8.5 | 18 | 19.2 | M15x1.0 |
| in. | 1.85 | 0.07 | 0.53 | 0.47 | 0.67 | 0.33 | 0.71 | 0.76 | |

$\underline{https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/pkg-2b-312-cymd92.html}$

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Recommended By Lemo

Accessories

| Replacement contact | EGG.2B.655.ZZM |
|---------------------|------------------|
| Compatible cap | BRA.2B.200.PCSG |
| Tools | |
| Positionner | DCE.91.072.BVM |
| Extraction tool | DCC.07.04B.LAG |
| Crimp tool | DPC.91.701.V |
| Spanner wrench | DCD.2B.ZZZ.PA120 |