



Image for illustrative purpose only

Summary

| | |
|---------------------------------|---|
| Request a quote | |
| Catalog | |
| Number of contacts Low Voltage | 16 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Threaded |
| Size | 2W |
| Series | W - Underwater |

Technical details

Electrical Configuration

| | |
|---------------------------------|-------------------------|
| Number of contacts Low Voltage | 16 |
| Contact Termination Low voltage | PCB - Straight |
| R (max) | 6.1 mOhm |
| Insert configuration value | 2W.316 - 16 Low Voltage |
| Rated current | 6 A |
| Contact Dia. | 0.7 mm (0.028in) |
| Gender | Standard |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | EV - Fixed socket, nut fixing |
| 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 | Threaded |
| Keying | G: 1 key (alpha=0, Plug: male contacts, Receptacle: female contacts) |
| Colour | Grey |
| Weight | 25.45 g |

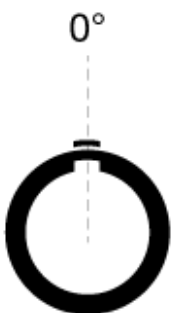
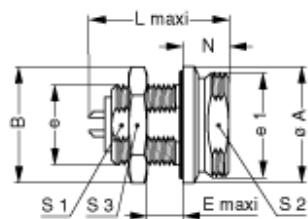
Environment

| | |
|-----------------------------------|---|
| Technical domain | Specialties and Other |
| Environmental sealing (IP rating) | IP68 |
| Endurance | 1000 mating cycles |
| Temperature range | -20°C / +200°C (max. temperature valid for short periods of use.) |
| Climatical Category | 20/200/21 |
| Humidity (max) | <=95% [at 60 deg C /140 F] |
| Shielding (min) | 95 dB (10 MHz) |
| Shielding (min) | 80 dB (1 GHz) |
| Pressure | 30 bars |
| Salt Spray Corrosion | >1000 hr |

https://www.lemo.com/int_en/solutions/supreme/w-underwater/evg-2w-316-cln.html

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Drawings



Dimensions

| | A | B | e | e1 | E | L | N | S1 | S2 | S3 |
|-----|------|------|---------|---------|------|------|------|------|------|------|
| mm. | 22.5 | 21.8 | M16x1.0 | M20x1.0 | 9 | 30.7 | 9 | 14.5 | 18.5 | 19 |
| in. | 0.89 | 0.86 | | | 0.35 | 1.21 | 0.35 | 0.57 | 0.73 | 0.75 |

Recommended By Lemo

Accessories

Compatible cap [BRE.2V.200.NAV](#)