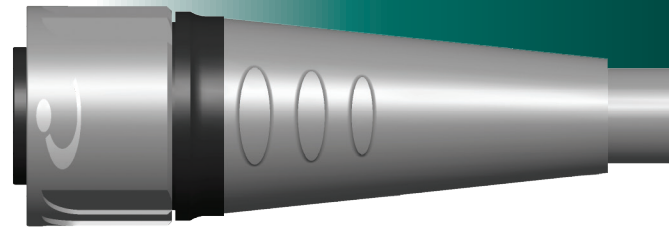


eclipse QL-12 Series

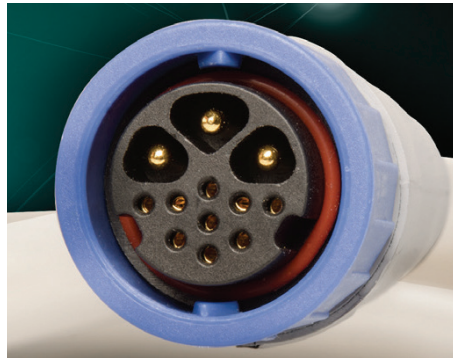
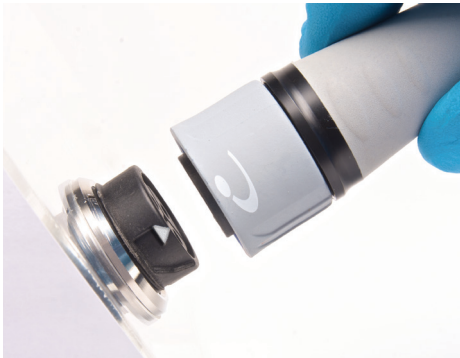
AN ADVANCED INTERCONNECT SOLUTION



USER FRIENDLY

PERFORMANCE ENGINEERED

CONFIGURABLE



- Auto-Latch / Quick-Release Mating
- Positive Engagement Feedback
- Safe, Touch-Proof Contacts
- Sleek, Ergonomic Design
- Blind Mating Features

- Overmolded Strain and Flex Relief
- Splash-Proof / Submersible, IP-67
- Options to 100K Mating Cycles
- Voltage Ratings to 20KVDC
- Impact Resistant Housings

- Adapts to a Variety of Cable Styles
- Additional Housing Sizes Available
- Custom Contact Arrangements
- Alternate Keying Options
- Custom Colors

DG Interconnect's, QL-12 Series Cable Assemblies are terminated with an auto-latching connector that makes attaching electronic accessories, handtools, and peripherals a snap. The user friendly connector locks automatically, providing audible, visual, and tactile confirmation. The QL-12 is performance engineered to endure multiple mating cycles as well as the mechanical and ambient stress associated with dynamic environments. Its sleek, modular design is easily configured to match specific application requirements.

STANDARD QL-12 HOUSING STYLES

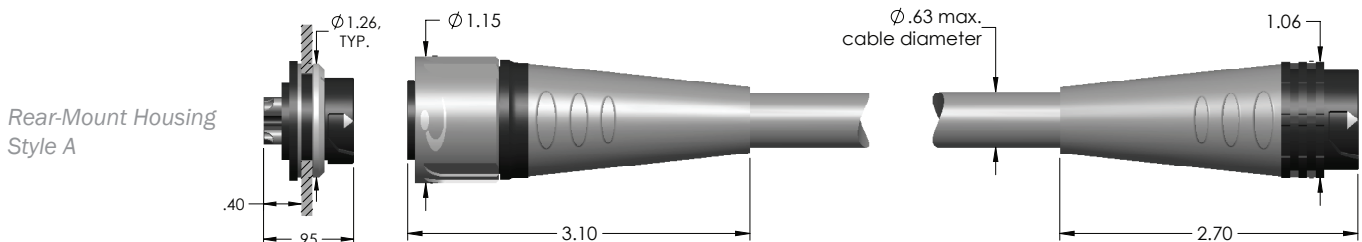
Panel-Mount Receptacle

Cable-Mount Plug

with overmolded strain relief
Style C

Cable-Mount Receptacle

with overmolded strain relief
Style D



Front-Mount "Style B" Receptacle Housing
also available. Please consult factory

All Dimensions in inches



CONNECT WITH THE FUTURE

TABLE A. STANDARD CIRCUIT CONFIGURATION

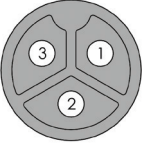
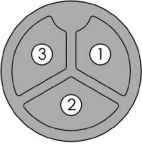

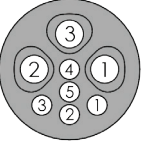
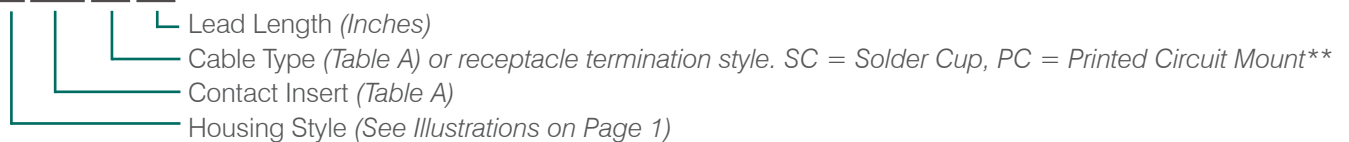
| | Contact Size | Poles | Wire Size | Voltage | Amps (40C) | Insert# | Cable # |
|--|--------------|---|-----------|---------|------------|---------|---------|
|  | 3.6 mm | 3 | 8/10 AWG | 300V | 50A | 203 | FB |
|  | 2.4 mm | 2 | 12 AWG | 300V | 20A | 102 | CB |
| | | 3 | 12 AWG | 300V | 20A | 103 | DB |
|  | .8 mm | 9 | 22 AWG | 125V | 5A | 109 | IB |
| | | 18 | 22 AWG | 125V | 5A | 118 | JB |
|  | Custom | Circuit configurations displayed above represent standard DGI formats. Custom configurations are available to address unique application requirements.* | | | | | |

TABLE B. QL-12 SERIES PART NUMBERS

QL12 C 103 DB 24



SPECIFICATIONS

ELECTRICAL

- **Voltage Rating:** See Table A
- **Current Rating:** See Table A
- **Dielectric w/s:** 500 V/mil

MECHANICAL

- **Insulator Mat'l:** TP Resin
- **Max. Cable Diameter:** .630"
- **Accidental Release:** 50 lbs. min.

ENVIRONMENTAL

- **Operating Temp:** -45°C to 105° C, 132°C (Limited)*
- **Chem Resistance:** Most OR Solvents, Broad Spectrum*
- **Waterproof:** IP67

CONTACTS

- **Mating Cycles:** 5,000 Standard; 100K Optional*
- **Construction:** Machined, Crown Spring
- **Plating:** Gold over Nickel.

*Consult a DGI sales engineer for future information on how a QL-12 Series interconnect may be incorporated into your specific application.

**Consult factory for pcb mounting template.