### Circular Connector Features & Benefits

- **Patented EuroLock® on all Power and M16 style Connectors** - Easy field assembly - no special tools required to insert & extract contacts!
- **Built in Strain Relief for Braided Cable** - All Connectors EMI/RFI ready!
- **Quick Connect System** - Threaded & Twilock-in-one
- **Multiple Terminations** - Crimp, Solder, Dip Solder and Screw Terminal Solutions!
- **Pre-tinned Contacts** - Reliable, faster and safer means of soldering!
- **Reliable Connection** - Contacts with low plug-in force and high mating cycles!
- **Vibration Proof** - Spring loaded Socket Contact Technology!
- **IP67 & IP69K** - Ideal in spray down applications!
- **RoHS** - Environmentally compliant!
- **Other Styles:** Hermetic, Marine (IP68), Miniature / Push Pull

### M8 & M12 Signal
- **M8**
- **M12**
- AWG: 22 - 24 / AMP: 2 - 4

### M12 Power
- AWG: 16 - 20 / AMP: 16

### M16
- AWG: 14 - 28 / AMP: 3 - 20

### M23 RJ45 & PoE Fast Ethernet
- **Twilock & Twilock-S**
- AWG: 15 - 28 / AMP: 2 & 8

### M23 Hybrid
- **3-in-1 Solution!**
- Power, Signal & Ethernet!
- AWG: 12 - 28 / AMP: 28

### M27
- AWG: 17 - 26 / AMP: 8

### M40
- AWG: 6 - 17 / AMP: 28 & 55
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Qualifying Questions?

1. Is this connector for a new design? (Preferred)
2. If for existing application, what brand to mate?
3. How many contacts?
4. AWG per contact?
5. AMP/Volt requirements?
6. Cable Diameter?
7. Body Style (Straight, Elbow, etc.)
8. Material (Nickel Plated Brass, 316L Stainless Steel)

Our product is modular. A Connector consists of 1 ea Connector Shell, 1 ea Contact Insert (solder), and for a crimp version also individual crimp Sockets and/or Pins. The best opportunities are new designs. When cross referencing products, make certain the mate (thread) and the contact insert (count/layout) are compatible with Hummel Standards.

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