

# Chem-Gard® Extreme Duty Stainless Steel M12 DC Micro Quick-Connects™

- 250 V
- 4 Amp
- Operating Temperature Range -25°C to 85°C (Terminal)
- Abrasion Resistant
- Max Conductor Temperature 85°C
- Chemical Resistant
- IP67 Rated
- Cold Temp Rating -40°C

Chem-Gard® Extreme Duty Quick-Connects™ have been shown to last 8 to 10 times longer than typical connector assemblies in real world applications. The M12 DC Micro Quick-Connect™ has a temperature rating of 85°C and -25°C. For those cable runs through hot oil, grease, harsh chemicals, or extreme temperatures, our Chem-Gard® cable provides excellent resistance to chemicals, abrasion and high heat, while providing protection up to 200°C and -60°C. The combination of full Stainless Steel M12 Connector bodies and Chem-Gard® cable make this one tough connector assembly.



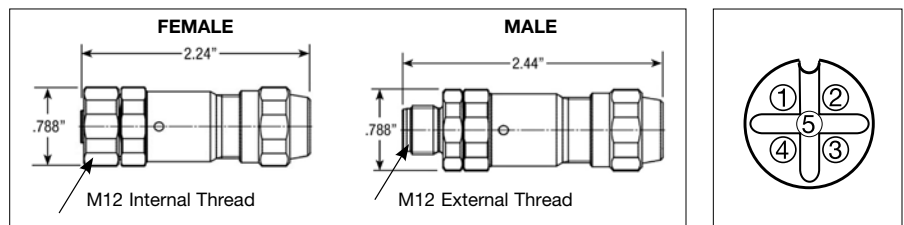
## FEATURES & BENEFITS

- 1. CORD SETS MADE WITH CHEM-GARD® 200°C CABLE** – Unique fluoropolymer cable design provides superior resistance to chemicals, abrasion and high heat. The 200°C temperature rating provides added protection along the cable run in harsh industrial environments.
- 2. FULLY BONDED DESIGN** – The fluoropolymer cable is fully bonded to the stainless steel head using a unique process, providing an IP69K seal against high pressure liquids.
- 3. SPECIALLY COMPOUNDED NYLON INSERTS** – Compatible with all industry standards for DC applications
- 4. SOLID BRASS CONTACT PINS ARE NICKEL COATED AND GOLD PLATED** – Provides long life, resists corrosion, easy positive engagement. Ensures electrical integrity in DC applications.

## APPLICATIONS

- Conveyors
- Pumps
- Motor Operated Valves
- Kiln Fans
- Furnaces

## SPECIFICATIONS



## ORDERING INFORMATION (MINIMUM PURCHASE MAY BE REQUIRED IF PRODUCT NOT STOCKED)

| CONNECTOR ASSEMBLIES |                            |       |        |  |
|----------------------|----------------------------|-------|--------|--|
| PART NO.             | DESCRIPTION                | FEET  | METERS |  |
| CW14A75M001S         | 4P Male Plug               | 3.27  | 1      |  |
| CW14A75M002S         | 4P Male Plug               | 6.56  | 2      |  |
| CW14A75M004S         | 4P Male Plug               | 13.08 | 4      |  |
| CW14A75M006S         | 4P Male Plug               | 19.67 | 6      |  |
| CW14A75M010S         | 4P Male Plug               | 31.80 | 10     |  |
| CW14C75M001S         | 4P Female Plug             | 3.27  | 1      |  |
| CW14C75M002S         | 4P Female Plug             | 6.56  | 2      |  |
| CW14C75M004S         | 4P Female Plug             | 13.08 | 4      |  |
| CW14C75M006S         | 4P Female Plug             | 19.67 | 6      |  |
| CW14C75M010S         | 4P Female Plug             | 31.80 | 10     |  |
| CW24E75M001S         | 4P Male to Female Ext. Set | 3.27  | 1      |  |
| CW24E75M002S         | 4P Male to Female Ext. Set | 6.56  | 2      |  |
| CW24E75M004S         | 4P Male to Female Ext. Set | 13.08 | 4      |  |
| CW24E75M006S         | 4P Male to Female Ext. Set | 19.67 | 6      |  |
| CW24E75M010S         | 4P Male to Female Ext. Set | 31.80 | 10     |  |

| STAINLESS STEEL FIELD INSTALLABLE CONNECTORS – DC M12 MICRO |  |
|---|--|
| PART NO.  | DESCRIPTION                              |
| 30400SS   | Female – for 0.120" to 0.215" O.D. Cable |
| 30700SS   | Male – for 0.120" to 0.215" O.D. Cable   |

| CLOSURE CAPS – STAINLESS STEEL |   |
|--------------------------------|---|
| PART NO.                       | DESCRIPTION                                 |
| 64801S                         | Closure Cap for Male Plug – with 6" Chain   |
| 64802S                         | Closure Cap for Female Plug – with 6" Chain |

| CHEM-GARD® 200 DC CABLE |   |
|-------------------------|---|
| PART NO.                | DESCRIPTION                                 |
| 42804DC                 | Chem-Gard® 200°C Cable 18 AWG/4c Unshielded |

| RECEPTACLES – STAINLESS STEEL |   |
|-------------------------------|---|
| PART NO.                      | DESCRIPTION                                       |
| RF14T75F004S                  | Female Panel Mt. Recept. w/ Chem-Gard® 4 ft Leads |
| RF14R75F001S                  | Male Panel Mt. Recept. w/ Chem-Gard® 1 ft Leads   |
| RF14S75F001S                  | Male Switch Mt. Recept. w/ Chem-Gard® 1 ft Leads  |

Portable Cords  
 Power Cables (600 Volt to 35 kV)  
 Welding Cables  
 VFD/Servo Motor Cables  
 Reeling Cables  
 Control Cables/Instrumentation  
 Bus Cables  
 Flat Festoon Cables  
 Retractable Coil Cables  
 Chemical & Temp. Resistant Cables  
 High Temperature Cables  
 Igniter Cables  
 Thermocouple Extension Wires  
 Engineered Custom Cables

# Build Your Own Chem-Gard® Extreme Duty Stainless Steel M12 DC Micro Quick-Connects™

| 1   | 2  | 3  | 4                   | 5   | 6  | 7   | 8  | 9                             |
|---|--|--|---------------------|---|--|---|--|-------------------------------|
| TYPE  | STYLE  | ENDS   | POLES               | HEAD CONFIGURATION  | CABLE  | UOM   | LENGTH   | COUPLING                      |
| <b>C</b>  | <b>W</b>   | <b>2</b>   | <b>4</b>            | <b>E</b>  | <b>75</b>  | <b>F</b>  | <b>005</b>   | <b>S</b>                      |
| <b>C =</b><br>Cordset<br><br><b>R =</b><br>Receptacle | <b>W =</b><br>Field Installable Stainless Steel DC Micro | <b>1 =</b> Single End<br><br><b>2 =</b> Double End | Number of poles = 4 | <b>A =</b> Male Straight<br><br><b>C =</b> Female Straight<br><br><b>E =</b> Male Straight to Female Straight | Must Be Two Digits<br><br><b>75 =</b><br>Chem-Gard® 18/4 Unshielded 200°C #42804DC | Unit of Measure:<br><br><b>M =</b> Meters<br><br><b>F =</b> Feet<br><br><b>A =</b> Inches | Enter a three digit code in the box above.<br><br><b>EXAMPLE:</b><br><b>5 =</b> "005"<br><br><b>50 =</b> "050"<br><br><b>500 =</b> "500" | <b>S =</b><br>Stainless Steel |

In the sample part number above, **CW24E75F005S**, is a micro cord set, field installable stainless steel DC micro, double ended, 4 pole, male straight to female straight, Chem-Gard® Unshielded cable, and is 5 feet long.