

## Safety connector cables for portable data collection

MaxFlex® cables for data collectors are available with safety connectors that break away if the sensor or cable becomes entangled at the monitoring points.

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### MaxFlex® cables for portable data collectors

Wilcoxon MaxFlex® cables for data collectors are designed to exceed the harsh environmental requirements of industrial applications. MaxFlex cables have reinforced cable joints at the sensor and connector end – the most common place that competitive cables fail – to serve the needs of field data acquisition. MaxFlex cables with a safety connector will break away at the connector, without failing at the cable joint.

### Safety connector cables for data collection will:

- Safely protect the operator from being pulled toward a machine during a data collection route
- Prevent damage to expensive portable data collector hardware
- Provide a quick disconnect between the sensor and the data collector



### Safety connector information

- Disconnects when more than 10 lbs (4.5 kg) of pull force is exerted
- IP67 rated at the safety connector, for the harsh industrial environment
- Disconnects, or “breaks away,” and can be reconnected hundreds of times
- Works in temperatures from -25 °C to 85 °C (-13 °F to 185 °F)
- Rated voltage is 125 V
- Isolation voltage is 1500 V

### Why MaxFlex® is the best

- Pull tested to over 100 lbs (45 kg) at the cable joint, but safely breaks away if the cable or sensor is pulled at the monitoring point
- Rugged, reliable, and resistant to abuse for extended life
- Excellent EMI/RFI shielding
- Rated voltage is 125 V
- Reinforced for strength and maximum flexibility

## Safety connector options

The safety connector can be ordered with all MaxFlex® data collector cables, and is being introduced with the following cable assemblies:

| Model               | Description  |
|---------------------|--|
| R6-20-J88C-10-EI-SC | 2-pin MIL-C-5015 style sensor connector, 10 ft coiled cable, Entek Datapac™ or Enpac™ compatible data collector              |
| R6-25-J88C-6-C-SC   | 2-pin MIL-C-5015 style sensor connector, 6 ft coiled cable, CSI 2110, 2115, and 2120 compatible data collector connector     |
| R2-20-J88C-6-EI-SC  | BNC style sensor connector, 6 ft coiled cable, Entek Datapac™ or Enpac™ compatible data collector connector                  |
| R6-2-J88C-6-SC      | 2-pin MIL-C-5015 style sensor connector, 6 ft coiled cable, BNC data collector connector                                     |
| R6-25-J88C-10-C-SC  | 2-pin MIL-C-5015 style sensor connector, 10 ft coiled cable, CSI 2110, 2115, and 2120 compatible data collector connector    |
| R6-25-J88C-6-S-SC   | 2-pin MIL-C-5015 style sensor connector, 6 ft coiled cable, SKF CMVA 10, 40, 55, and 60 compatible data collector connector  |
| R6Q-25-J88C-16-C-SC | 2-pin MIL-C-5015 style sensor connector, 16 ft coiled cable, CSI 2110, 2115, and 2120 compatible data collector connector    |
| R6-25-J88C-10-S-SC  | 2-pin MIL-C-5015 style sensor connector, 10 ft coiled cable, SKF CMVA 10, 40, 55, and 60 compatible data collector connector |
| R6-25-J88C-16-C-SC  | 2-pin MIL-C-5015 style sensor connector, 16 ft coiled cable, CSI 2110, 2115, and 2120 compatible data collector connector    |
| R6-20-J88-6-EI-SC   | 2-pin MIL-C-5015 style sensor connector, 6 ft straight cable, Entek Datapac™ or Enpac™ compatible data collector connector   |
| R6-2-J88C-10-SC     | 2-pin MIL-C-5015 style sensor connector, 10 ft coiled cable, BNC data collector connector                                    |
| R6-20-J88C-6-EI-SC  | 2-pin MIL-C-5015 style sensor connector, 6 ft coiled cable, Entek Datapac™ or Enpac™ compatible data collector connector     |

