

## Description

The C3030 pCO<sub>2</sub> sensor is designed for the measurement of dissolved CO<sub>2</sub> (pCO<sub>2</sub>) when installed in any SU100 series gas well.

## Purchase Information

|             |  |
|-------------|--|
| Part Number | C3030-120-V8                                       |
| Description | pCO <sub>2</sub> sensor for SU100 series gas wells |

## Classification

|              |                         |
|--------------|-------------------------|
| Model Type   | C3030                   |
| Product Type | pCO <sub>2</sub> Sensor |

## Specifications

### Measurement

|           |   |
|-----------|---|
| Type      | pCO <sub>2</sub> (Partial Pressure of Dissolved CO <sub>2</sub> ) |
| Principle | Potentiometric, Severinghaus                                      |
| Range     | 0–30% SAT [0–250 mmHg]  |
| Drift     | ≤ 1% per week   |

### Operational Range

|             |                         |
|-------------|-------------------------|
| Temperature | 5°–50° C [41°–122° F]   |
| Pressure    | 0–3750 mmHg [0–72 psig] |
| Flow Rate   | Not applicable          |

### Signal

|        |                                     |
|--------|-------------------------------------|
| Input  | Not applicable                      |
| Output | Analog: mV<br>Metadata: SensorTalk® |

### Sterilization

|                    |                        |
|--------------------|------------------------|
| Autoclavable       | Not autoclavable       |
| Steam Sterilizable | Not steam sterilizable |
| Gamma Sterilizable | Not gamma sterilizable |

### Connectors and Cables

|              |                               |
|--------------|-------------------------------|
| Connector    | 8-pin Variopin Disconnect Cap |
| Cable Length | Not applicable                |

### Process Interface

|                  |                                  |
|------------------|----------------------------------|
| Insertion Method | Pg13.5 Threaded Retainer Fitting |
| Insertion Length | 120 mm [4.75 inches]             |

## Wetted Materials

Not applicable



pCO<sub>2</sub> Sensor for Gas Well

## Packaging and Regulations

### Packaging Information

|   |  |
|---|--|
| Package Type .....                        | Cardboard box  |
| Package Dimensions .....                  | 20.32 x 10.16 x 5.72 cm [8 in x 4 in x 2.25 in]        |
| Package Weight .....                      | < 0.5 kg [1 lb]  |
| Double Bagged .....                       | No   |
| Cleanhood Bagged .....                    | No   |
| Cleanhood Class .....                     | Not applicable   |
| Storage Conditions .....                  | Temperature: 5°–35° C [41°–95° F]<br>Humidity: 5–95 RH |
| Included Accessories .....                | Bottle of buffer electrolyte                           |
| Quality Certificate .....                 | Included   |
| Shelf Life .....                          | Not applicable   |
| Shelf Life Post Gamma Sterilization ..... | Not applicable   |

### Origination and Tariff Code

|                                    |                 |
|------------------------------------|-----------------|
| Harmonized Tariff Trade Code ..... | 9027803100      |
| Country of Origin .....            | USA             |
| MFR Location .....                 | California, USA |

### Purchasing Information

|                                 |      |
|---------------------------------|------|
| Unit of Sale .....              | Each |
| Minimum Purchase Quantity ..... | Each |

### Regulatory and Compliance

|                              |                |
|------------------------------|----------------|
| CE Compliant .....           | Yes            |
| RoHS Compliant .....         | Yes            |
| REACH Compliant .....        | Yes            |
| CFR 21-11 Compliant .....    | Not applicable |
| BSE/TSE/ADI Free .....       | Yes            |
| USP Class VI Compliant ..... | Yes            |
| FDA Material Compliant ..... | Yes            |

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