

# OxyGold G



### Specifications

|                                      |  |
|--------------------------------------|--|
| Measuring range                      | 1 ppb to 40 ppm (DO)                                       |
| Response time t <sub>98%</sub>       | < 60 s at 25 °C, from air to nitrogen                      |
| Process temperature                  | 0 to 130 °C (Arc: analog 0 to 110 °C, digital 0 to 130 °C) |
| Pressure range (relative to ambient) | 0 to 12 bar  |
| Hygienic aspects                     | Autoclavable, CIP, SIP                                     |
| Electrolyte                          | Oxylyte G  |
| Surface Quality                      | R <sub>a</sub> < 0.4 μm (N5)                               |
| Current in air at 25°C               | 180 to 500 nA  |
| Material                             | Stainless steel 1.4435                                     |
| Polarization voltage                 | -670 mV  |
| O-ring                               | EPDM   |

For more specifications see [www.hamiltoncompany.com](http://www.hamiltoncompany.com)

The OxyGold G is an electrochemical oxygen sensor designed for processes in which very small amounts of oxygen have to be traced, like in the pharmaceutical or microelectronics industry. It is also suitable for processes where high pressures are applied.

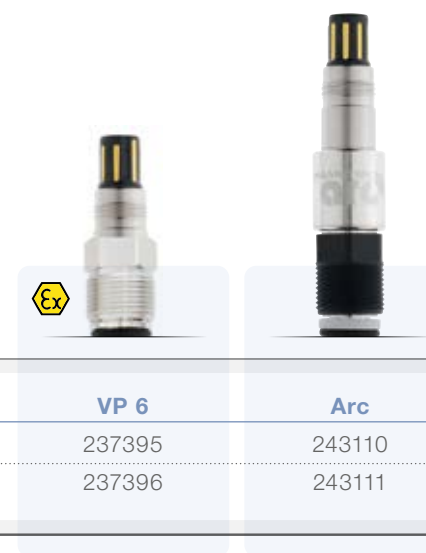
### Benefits

- ▶ Trace level measurement
- ▶ Suitable for use at high temperatures and high pressures during sterilization and CIP
- ▶ Little flow sensitivity
- ▶ Replacing the cathode is possible and very simple to perform.

### Typical applications

- ▶ Boiler Feed Water
- ▶ Microelectronics

### Ordering Information



|           | a-length | VP 6   | Arc    |
|-----------|----------|--------|--------|
| OxyGold G | 120      | 237395 | 243110 |
|           | 225      | 237396 | 243111 |

### Accessories



- OxyGold Membrane Kit Ref 237135
- Oxylyte G 30 mL Ref 237139
- Polarization Module G Ref 237350
- Replacement Cathode OxyGold G Ref 237427

Cables see page 112

Arc Accessories see page 116

Housings see page 127

