

## S5000 GAS MONITOR

S5000 -  1  2  3  4  5  6  7  8

### GAS MONITOR

General Monitors S5000 Gas Monitor

#### 1. MATERIAL:

- 2-  (std) STAINLESS STEEL - IIB+H2/B,C,D  
3-  STAINLESS STEEL - IIC/A (for acetylene applications)\*

#### 2. OUTPUTS:

- 0-  (std) ANALOG OUT/BLUETOOTH/MODBUS/HART 1.25  
1-  ANALOG OUT/BLUETOOTH/MODBUS/HART 3.5  
2-  ANALOG OUT/BLUETOOTH/MODBUS/HART 1.25/RELAYS  
3-  ANALOG OUT/BLUETOOTH/MODBUS/HART 3.5/RELAYS  
4-  ANALOG OUT/NO BLUETOOTH/MODBUS/HART 1.25  
5-  ANALOG OUT/NO BLUETOOTH/MODBUS/HART 3.5  
6-  ANALOG OUT/NO BLUETOOTH/MODBUS/HART 1.25/RELAYS  
7-  ANALOG OUT/NO BLUETOOTH/MODBUS/HART 3.5/RELAYS

#### 3. RELAY STATE:

- 0-  (Std) NO RELAYS  
1-  LATCH ALARM/NON-LATCH WARN DE-ENERGIZED  
2-  LATCH ALARM/NON-LATCH WARN ENERGIZED  
3-  LATCH ALARM/LATCH WARN DE-ENERGIZED  
4-  LATCH ALARM/LATCH WARN ENERGIZED  
5-  NON-LATCH ALARM/NON-LATCH WARN DE-ENERGIZED  
6-  NON-LATCH ALARM/NON-LATCH WARN ENERGIZED  
7-  NON-LATCH ALARM/LATCH WARN DE-ENERGIZED  
8-  NON-LATCH ALARM/LATCH WARN ENERGIZED

#### 4. APPROVALS:

- 0-  (Std) CSA  
1-  ATEX/IECEx

#### 5. CUSTOM:

- 00-  (Std) NONE  
01-  STAINLESS STEEL TAG  
02-  HART off  
03-  STAINLESS STEEL TAG, HART off

#### 6. SENSOR #1:

- Dxx-  Digital Sensor (see gas code list)  
Mxx-  Passive MOS (see MOS list)  
Rxx-  IR400 (see IR list)  
Cxx-  Passive Catalytic Bead (see CB list)

#### 7. SENSOR #2:

- 000-  No Sensor - only if sensor #1 = Mxx or Cxx  
D00-  No Sensor - only if sensor #1 = Dxx or Rxx (for future upgrade)  
Dxx-  Digital Sensor - only if sensor #1 = Dxx or Rxx (see gas code list)  
Cxx-  Passive Catalytic Bead (see CB list)

#### 8. PAINT:

- 0-  (Std) NONE  
1-  GRAY  
2-  BLUE  
3-  YELLOW  
4-  WHITE

\* Note: not available w/IR400 point IR detector

SENSOR OPTIONS AVAILABLE ON NEXT PAGE

## S5000 GAS MONITOR SENSOR OPTIONS

### DIGITAL GAS SENSORS

	Type
D00 - No sensor or sensor body (transmitter only)	
D01 - No sensor (comes w/sensor body and blank)	Div. 1
D10 - Carbon monoxide, 0-100 ppm	XCell
D11 - Carbon monoxide, 0-500 ppm	XCell
D12 - Carbon monoxide, 0-1000 ppm	XCell
D14 - Carbon monoxide, hydrogen resistant, 0-100 ppm	XCell
D16 - Oxygen 0-25%	XCell
D20 - Hydrogen sulfide, 0-10 ppm	XCell
D21 - Hydrogen sulfide, 0-50 ppm	XCell
D22 - Hydrogen sulfide, 0-100 ppm	XCell
D60 - Combustible, 0-100% LEL - Methane (5.0%)	XCell
D61 - Combustible, 0-100% LEL - Propane (2.1%)	XCell
D65 - Combustible, 0-100% LEL - Methane (4.4%)	XCell
D66 - Combustible, 0-100% LEL - Propane (1.7%)	XCell

### PASSIVE CATALYTIC BEAD (CB) SENSORS

C00 - Use for replacement transmitter w/passive cat bead
C04 - 10058-1, Stainless steel
C10 - 11159-8, Stainless steel, 0-20% LEL, ATEX
C11 - 11159-1, Stainless steel, 0-100% LEL, ATEX

### PASSIVE MOS SENSORS

M00 - Use for replacement transmitter w/MOS
M04 - 50448-1, Stainless steel, 0-100 ppm H2S
M05 - 50448-5, Stainless steel, 0-50 ppm H2S
M06 - 50448-9, Stainless steel, 0-20 ppm H2S
M14 - 51457-1, Stainless steel, 0-100 ppm H2S, ATEX
M15 - 51457-5, Stainless steel, 0-50 ppm H2S, ATEX
M16 - 51457-9, Stainless steel, 0-20 ppm H2S, ATEX

### INFRARED SENSORS (IR400)

R31 - Stainless steel, Methane, IR400-0-01-2-2-0-1-0
R32 - Stainless steel, Propane, IR400-0-02-2-2-0-1-0
R33 - Stainless steel, Benzene, IR400-0-03-2-2-0-1-0
R34 - Stainless steel, Hexane, IR400-0-04-2-2-0-1-0
R35 - Stainless steel, Pentane, IR400-0-05-2-2-0-1-0
R36 - Stainless steel, Ethylene, IR400-0-06-2-2-0-1-0
R37 - Stainless steel, Butane, IR400-0-07-2-2-0-1-0
R38 - Stainless steel, Ethane, IR400-0-08-2-2-0-1-0
R43 - Stainless steel, Methane, IECEX, IR400-0-13-2-2-0-1-0
R44 - Stainless steel, Propane, IECEX, IR400-0-14-2-2-0-1-0
R45 - Stainless steel, Hexane, IECEX, IR400-0-15-2-2-0-1-0
R46 - Stainless steel, Pentane, IECEX, IR400-0-16-2-2-0-1-0
R47 - Stainless steel, Butane, IECEX, IR400-0-17-2-2-0-1-0
R48 - Stainless steel, Ethane, IECEX, IR400-0-18-2-2-0-1-0
R49 - Stainless steel, Propylene, IECEX, IR400-0-21-2-2-0-1-0
R50 - Stainless steel, Ethylene, IECEX, IR400-0-22-2-2-0-1-0

Note: Sensors R43-50 require that the ATEX option be selected under Approvals.