



# 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/Marine .....
- 4-  Inmetro .....

### 5. CUSTOM\*\*:

- 00-  (Std) NONE .....
- 01-  STAINLESS STEEL TAG .....
- 02-  HART off .....
- 03-  STAINLESS STEEL TAG, HART off .....
- 04-  Bluetooth disabled .....
- 05-  STAINLESS STEEL TAG, Bluetooth disabled .....

### 6. SENSOR #1:

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

### 8. PAINT:

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

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

\*\* HART and Bluetooth can be enabled by customer

SENSOR OPTIONS AVAILABLE ON NEXT PAGE



## S5000 GAS MONITOR SENSOR OPTIONS

DIGITAL GAS SENSORS	Type	Price
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	
D24 - Hydrogen sulfide, 0-20 ppm, MOS defaults	XCell	
D25 - Hydrogen sulfide, 0-50 ppm, MOS defaults	XCell	
D26 - Hydrogen sulfide, 0-100 ppm, MOS defaults	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)

R00 - use for replacement transmitter w/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	
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	
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.