

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

	Type
D00 - No sensor or sensor body (transmitter only)	
D01 - No sensor (comes w/sensor body and blank)	Div. 1
D02 - No sensor (comes w/sensor body and blank)	Div. 2

XCELL TRUCAL SENSORS W/DIFFUSION SUPERVISION

D27 - Hydrogen sulfide, DS, 0-10 ppm	XCell ..
D28 - Hydrogen sulfide, DS, 0-50 ppm	XCell ..
D29 - Hydrogen sulfide, DS, 0-100 ppm	XCell ..
D42 - Hydrogen sulfide, DS, 0-20 ppm, MOS default range	XCell ..
D43 - Hydrogen sulfide, DS, 0-50 ppm, MOS default range	XCell ..
D44 - Hydrogen sulfide, DS, 0-100 ppm, MOS default range ...	XCell ..

D80 - H2S Alcohol Tolerant, DS 0-20 ppm (MOS default range) XCell ..	
D81 - H2S Alcohol Tolerant, DS 0-50 ppm (MOS default range) XCell ..	
D82 - H2S Alcohol Tolerant, DS 0-100 ppm (MOS default)	XCell ..
D86 - Hydrogen Sulfide Alcohol Tolerant, DS 0-10 ppm	XCell ..
D87 - Hydrogen Sulfide Alcohol Tolerant, DS 0-50 ppm	XCell ..
D88 - Hydrogen Sulfide Alcohol Tolerant, DS 0-100 ppm	XCell ..

D36 - Carbon monoxide, DS, 0-100 ppm	XCell ..
D37 - Carbon monoxide, DS, 0-500 ppm	XCell ..
D38 - Carbon monoxide, DS, 0-1000 ppm	XCell ..
D39 - Carbon monoxide, hydrogen resistant, DS, 0-100ppm ...	XCell ..

XCELL TRUCAL SENSORS W/OUT DIFFUSION SUPERVISION

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 default range	XCell ..
D25 - Hydrogen sulfide, 0-50 ppm, MOS default range	XCell ..
D26 - Hydrogen sulfide, 0-100 ppm, MOS default range	XCell ..

D77 - H2S Alcohol Tolerant, 0-20 ppm (MOS default range)	XCell ..
D78 - H2S Alcohol Tolerant, 0-50 ppm (MOS default range)	XCell ..
D79 - H2S Alcohol Tolerant, 0-100 ppm (MOS default range) ...	XCell ..
D83 - Hydrogen Sulfide Alcohol Tolerant, 0-10 ppm	XCell ..
D84 - Hydrogen Sulfide Alcohol Tolerant, 0-50 ppm	XCell ..
D85 - Hydrogen Sulfide Alcohol Tolerant, 0-100 ppm	XCell ..

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 ..

DIGITAL GAS SENSORS

D15 - Oxygen 0-25% (FM only)	XCell ..
D16 - Oxygen 0-25%	XCell ..
D17 - Low Oxygen, 0-25%, 1% and 2% alarms	Echem
D23 - Hydrogen sulfide, 0-500 ppm	Echem
D30 - Chlorine, 0-5 ppm	XCell ..
D31 - Chlorine, 0-10 ppm	XCell ..
D32 - Chlorine, 0-20 ppm	XCell ..
D40 - Ammonia, 0-100 ppm	XCell ..
D41 - Ammonia, 0-1000 ppm	Echem
D50 - Sulfur dioxide, 0-25 ppm	XCell ..
D51 - Sulfur dioxide, 0-100 ppm	Echem
D70 - Hydrogen, 0-1000 ppm	Echem
D73 - Nitrogen dioxide, 0-10 ppm	Echem

D60 - Combustible, 0-100% LEL - Methane (5.0%)	XCell ..
D61 - Combustible, 0-100% LEL - Propane (2.1%)	XCell ..
D62 - Combustible, 0-100% LEL - Heptane (1.05%)	XCell ..
D63 - Combustible, 0-100% LEL - Nonane (0.8%)	XCell ..
D64 - Combustible, 0-100% LEL - Hydrogen (4.0%)	XCell ..
D65 - Combustible, 0-100% LEL - Methane (4.4%)	XCell ..
D66 - Combustible, 0-100% LEL - Propane (1.7%)	XCell ..
D67 - Combustible, 0-100% LEL - Heptane (ATEX 0.85%)	XCell ..
D68 - Combustible, 0-100% LEL - Nonane (ATEX 0.7%)	XCell ..

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	
R51 - Stainless steel, Carbon Dioxide, 0-2000 ppm, IR700-4-1-2-2-1 ...	
R52 - Stainless steel, Carbon Dioxide, 0-5000 ppm, IR700-4-2-2-2-1 ...	
R53 - Stainless steel, Carbon Dioxide, 0-10000 ppm, IR700-4-3-2-2-1 ..	
R54 - Stainless steel, Carbon Dioxide, 0-30000 ppm, IR700-4-4-2-2-1 ..	
R55 - Stainless steel, Carbon Dioxide, 0-50000 ppm, IR700-4-5-2-2-1 ..	

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	

Notes:

R43-R50 sensors require that the ATEX option be selected under Approvals.
D24-D26 sensors use same ranges and H2S cal gas as passive MOS sensors.
Gas codes D30, D31, D32, D40, D41, D50, D51 and D73 are Div/Zone 2.

