

S5000 GAS MONITOR

S5000 - 1 2 3 4 5 6 7

GAS MONITOR

General Monitors S5000 Gas Monitor

1. MATERIAL:

- 2- 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)

SENSOR OPTIONS AVAILABLE ON NEXT PAGE

S5000 GAS MONITOR SENSOR OPTIONS

DIGITAL GAS SENSORS

	Type
D00 - No sensor or sensor body (transmitter only)	Div. 1
D01 - No sensor (comes w/sensor body and blank)	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
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, IR400-4-01-2-2-0-1-0
R32 - Stainless steel, Propane, IR400-4-02-2-2-0-1-0
R43 - Stainless steel, Methane, IECEx, IR400-4-13-2-2-0-1-0
R44 - Stainless steel, Propane, IECEx, IR400-4-14-2-2-0-1-0

S5000 REPLACEMENT SENSORS AND ACCESSORIES

A-5K-SENS - 1 2 3 4 5 0

REPLACEMENT SENSORS - XCell DIGITAL

1. GAS CODE:

01 -	No sensor (use for sensor body only, includes blank)
10 -	Carbon monoxide, 0-100 ppm
11 -	Carbon monoxide, 0-500 ppm
12 -	Carbon monoxide, 0-1000 ppm
14 -	Carbon monoxide, hydrogen resistant, 0-100 ppm
16 -	Oxygen 0-25%
20 -	Hydrogen sulfide, 0-10 ppm
21 -	Hydrogen sulfide, 0-50 ppm
22 -	Hydrogen sulfide, 0-100 ppm
60 -	Combustible, 0-100% LEL - Methane (5.0%)
61 -	Combustible, 0-100% LEL - Propane (2.1%)
65 -	Combustible, 0-100% LEL - Methane (4.4% ATEX)
66 -	Combustible, 0-100% LEL - Propane (1.7% ATEX)

2. MATERIAL:

0- STAINLESS STEEL

3. APPROVALS:

F- CSA
A- ATEX/IECEX
0- None (no sensor body)

4. SENSOR BODY:

0- None
1- 3/4" NPT
2- M25

5. FUTURE USE:

0- NONE

REPLACEMENT SENSORS - PASSIVE

10058-1	Catalytic Bead Stainless Steel Hydrocarbon 0-100% LEL
11159-1	Catalytic Bead Stainless Steel Hydrocarbon 0-100% LEL ATEX
11159-8	Catalytic Bead Stainless Steel Hydrocarbon 0-20% LEL ATEX
50448-1	MOS Stainless Steel 0-100 ppm H2S
50448-5	MOS Stainless Steel 0-50 ppm H2S
50448-9	MOS Stainless Steel 0-20 ppm H2S
51457-1	MOS Stainless Steel 0-100 ppm H2S ATEX
51457-5	MOS Stainless Steel 0-50 ppm H2S ATEX
51457-9	MOS Stainless Steel 0-20 ppm H2S ATEX

REPLACEMENT SENSORS - INFRARED

IR400-4-01-2-2-0-1-0	IR400, stainless steel, Methane
IR400-4-02-2-2-0-1-0	IR400, stainless steel, Propane
IR400-4-13-2-2-0-1-0	IR400, stainless steel, Methane, IECEX
IR400-4-14-2-2-0-1-0	IR400, stainless steel, Propane, IECEX

Note: The above sensors/configurations are approved for use with the S5000. Only quote sensors listed above for replacements.

ACCESSORIES

324240-1	Remote junction box, stainless steel, IIB+H2
324240-3	Remote junction box, stainless steel, IIC
10176947	Duct mount kit, rectangular
10179124	Duct mount kit, round, small (12"-20" / 305-508 mm diameter)
10179321	Duct mount kit, round, large (20"-40" / 508-1016 mm diameter)
10176946	Universal pipe mount kit, 20-150 mm, X5000/S5000
10184683	XCell digital sensor guard replacement ^{1,2}
32545-1	IR400 splash guard replacement
32545-2	IR400 splash guard w/out screen
10180254	Sunshield, X5000/S5000
CALKIT1	XCell digital calibration kit (includes 1 LPM regulator (922-022), XCell cal cap, XCell sensor guard, tubing, case)
922-022	Regulator, 1 LPM ²
10181450	XCell digital sensor calibration cap, X5000/S5000 ^{1,2}
32554-1	IR400 calibration cup

¹ - Accessories included with XCell digital sensors

² - Accessories included with XCell digital calibration kit