

General Monitors S5000



ATO for Europe 2018

Option	Code	Description	Gas Code List				
	1	2	3	4	5	6	7
S5000-	x	x	x	x	x	xxx	xxx
Passive MOS Selection							
		M00	Use for replacement transmitter w/ MOS				
		M04	50448-1 Stainless steel FM 0-100 ppm H2S				
		M05	50448-5 Stainless steel FM 0-50 ppm H2S				
		M06	50448-9 Stainless steel FM 0-20 ppm H2S				
		M14	51457-1L Stainless steel ATEX H2S 0-100 ppm				
		M15	51457-5L Stainless steel ATEX H2S 0-50 ppm				
		M16	51457-9L Stainless steel ATEX H2S 0-20 ppm				
Digital Sensors							
		D00	No sensor or sensor body (Xmtr only) (#5 only)				
		D01	No sensor (comes with sensor body & blank)				
		D10	Carbon Monoxide 0-100 ppm				
		D11	Carbon Monoxide 0-500 ppm				
		D12	Carbon Monoxide 0-1000 ppm				
		D14	Carbon Monoxide Hydrogen Resistant 0-100 ppm				
		D16	Oxygen 0-25%				
		D20	Hydrogen Sulfide 0-10 ppm				
		D21	Hydrogen Sulfide 0-50 ppm				
		D22	Hydrogen Sulfide 0-100 ppm				
		D60	Combustible gas 0-100% LEL - Methane US (5.0%)				
		D61	Combustible gas 0-100% LEL - Propane US (2.1%)				
		D65	Combustible gas 0-100% LEL - Methane ATEX (4.4%)				
		D66	Combustible gas 0-100% LEL - Propane ATEX (1.7%)				
Passvie Cat Bead Selection							
		C00	Use for replacement transmitter w/ passive cat bead				
		C04	10058-1 Stainless steel				
		C10	10059-8 Stainless steel, 0-20% LEL ATEX				
		C11	11159-1L Stainless steel, 0-100% LEL ATEX				
IR Selection							
		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, IECx, IR400-4-14-2-2-0-1-0				

Option	Code	Description	
1 - Material	2	Stainless Steel - IIB+H2/B, C, D	
	3	Stainless Steel -IIC/A	
2 - Outputs	0	Bluetooth/ Modbus/ HART 1.25 mA	
	1	Bluetooth/ Modbus/ HART 3.5 mA	
	2	Bluetooth/ Modbus/ HART 1.25 mA/ relays	
	3	Bluetooth/ Modbus/ HART 3.5 mA/ relays	
	4	No Bluetooth/ Modbus/ HART 1.25 mA	
	5	No Bluetooth/ Modbus/ HART 3.5 mA	
	6	No Bluetooth/ Modbus/ HART 1.25 mA/ relays	
3 - Relay State	7	No Bluetooth/ Modbus/ HART 3.5 mA/ relays	
	0	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 Sde-Energized	
4 - Approvals	6	Non-Latch Alarm/Non-Latch Warn Energized	
	7	Non-Latch Alarm/Latch Warn De-Energized	
	8	Non-Latch Alarm/Latch Warn Energized	
	0	CSA	
	1	ATEX/IECEX	
	5 - Custom	0	None
		1	Stainless steel tag
2		HART off	
3		Stainless steel Tag, HART off	
6 -Sensor #1	Mxx	Passive MOS (see MOS list)	
	Dxx	Digital Sensor (see gas code list)	
	Cxx	Passive Cat Bead (see CB list)	
	Rxx	IR400 (see IR list)	
7- Sensor #2	000	No sensor	
	D00	No sensor - only if sensor #1 = Dxx or Rxx (for future upgrade)	
	Dxx	Digital Sensor (only if sensor#1 = Rxx or Dxx)	



X5000/S5000 Replacement Sensor ATO

Option	Code	Description			
	1	2	3	4	5
A-5K-SENS	X	XX	X	X	X

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
	16	Oxygen 0-25%
	20	Hydrogen Sulfide 0-10 PPM
	21	Hydrogen Sulfide 0-50 PPM
	22	Hydrogen Sulfide 0-100 PPM
	60	Combustible gas 0-100% LEL - Methane US (5.0%)
	61	Combustible gas 0-100% LEL - Propane US (2.1%)
	65	Combustible gas 0-100% LEL - Methane ATEX (4.4%)
	66	Combustible gas 0-100% LEL - Propane ATEX (1.7%)

2 - Material	0	Stainless Steel
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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
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S5000 PCB Board

Option	Code	Description		
	1	2	3	4
A-S5000-PCB	X	X	X	X

1 - Outputs	0	Bluetooth/ Modbus/ HART 1.25 mA
	1	Bluetooth/ Modbus/ HART 3.5 mA
	2	Bluetooth/ Modbus/ HART 1.25 mA/ relays
	3	Bluetooth/ Modbus/ HART 3.5 mA/ relays
	4	No Bluetooth/ Modbus/ HART 1.25 mA
	5	No Bluetooth/ Modbus/ HART 3.5 mA
	6	No Bluetooth/ Modbus/ HART 1.25 mA/ relays
	7	No Bluetooth/ Modbus/ HART 3.5 mA/ relays

2 - Relay State	0	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 Sde-Energized
	6	Non-Latch Alarm/Non-Latch Warn Energized
	7	Non-Latch Alarm/Latch Warn De-Energized
	8	Non-Latch Alarm/Latch Warn Energized

3 - Sensor Type	D	Digital + Digital Sensor
	M	Passive MOS
	R	IR400 + Digital
	C	Passive Catalytic Bead

4 - Custom Features	00	None (std)
	02	HART off (factory setting, customer can enable)



S5000 Spare Parts & Accessories

Material Number	Description
Sensors, Passive	
10058-1	Catalytic Bead Stainless Steel Hydrocarbon %LEL
11159-1L	Catalytic Bead Stainless Steel Hydrocarbon %LEL ATEX
11159-8	Catalytic Bead Stainless Steel Hydrocarbon 0-20% LEL ATEX
50448-1	MOS Stainless Steel 0-100 ppm H ₂ S
51457-1L	MOS Stainless Steel 0-50 ppm H ₂ S
50448-5	MOS Stainless Steel 0-20 ppm H ₂ S
51457-5L	MOS Stainless Steel ATEX H ₂ S 0-100 ppm (W/LUGS)
51457-5L	MOS Stainless Steel ATEX H ₂ S 0-50 ppm (W/LUGS)
51457-9L	MOS Stainless Steel ATEX H ₂ S 0-20 ppm (W/LUGS)
<i>Note: The above sensors are approved for use with the S5000.</i>	
<i>Do not quote any sensors not listed above.</i>	

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

Material Number	Description
10177624	SENSOR GUARD ASSEMBLY, S5000
32545-1	SENSOR GUARD, IR400, WITH SCREEN

Duct Mount Kit	
10176947	RECTANGULAR DUCT MOUNT KIT, S5000
10179124	ROUND DUCT MOUNT KIT, SMALL, S5000
10179321	ROUND DUCT MOUNT KIT, LARGE, S5000
10176655	Pipe Mount Kit, Universal pipe mount, X5000/ S5000
CALKIT1	Calibration Kit (XCell)

Junction Box	
324240-1	JUNCTION BOX, SST, IIB+H ₂
324240-3	JUNCTION BOX, SST, IIC
10181450	CALIBRATION CAP, X5000/S5000, PCKGD
10181460	CALIBRATION CAP, IR400 PCKGD
10178977	SUNSHIELD, X5000/S5000