



OI-7480-8 Modbus Register Map

Register Address (Hexadecimal)	Register Address (Decimal)	Data Description	R/W	Length (In Bits)	Units	Valid Response
Radio Data						
1	1	Channel 1 Port Number	R	16	INTEGER	1
2	2	Channel 2 Port Number	R	16	INTEGER	2
3	3	Channel 3 Port Number	R	16	INTEGER	3
4	4	Channel 4 Port Number	R	16	INTEGER	4
5	5	Channel 5 Port Number	R	16	INTEGER	5
6	6	Channel 6 Port Number	R	16	INTEGER	6
7	7	Channel 7 Port Number	R	16	INTEGER	7
8	8	Channel 8 Port Number	R	16	INTEGER	8
9	9	Channel 1 Reading	R	32	FLOAT	Any valid sensor reading
B	11	Channel 2 Reading	R	32	FLOAT	Any valid sensor reading
D	13	Channel 3 Reading	R	32	FLOAT	Any valid sensor reading
F	15	Channel 4 Reading	R	32	FLOAT	Any valid sensor reading
11	17	Channel 5 Reading	R	32	FLOAT	Any valid sensor reading
13	19	Channel 6 Reading	R	32	FLOAT	Any valid sensor reading
15	21	Channel 7 Reading	R	32	FLOAT	Any valid sensor reading
17	23	Channel 8 Reading	R	32	FLOAT	Any valid sensor reading
19	25	Channel 1 Mode	R	16	ENUMERATION	0-2 . 0 is in normal mode, 1 is any other mode, 2 is cal mode
1A	26	Channel 2 Mode	R	16	ENUMERATION	0-2 . 0 is in normal mode, 1 is any other mode, 2 is cal mode
1B	27	Channel 3 Mode	R	16	ENUMERATION	0-2 . 0 is in normal mode, 1 is any other mode, 2 is cal mode
1C	28	Channel 4 Mode	R	16	ENUMERATION	0-2 . 0 is in normal mode, 1 is any other mode, 2 is cal mode
1D	29	Channel 5 Mode	R	16	ENUMERATION	0-2 . 0 is in normal mode, 1 is any other mode, 2 is cal mode
1E	30	Channel 6 Mode	R	16	ENUMERATION	0-2 . 0 is in normal mode, 1 is any other mode, 2 is cal mode
1F	31	Channel 7 Mode	R	16	ENUMERATION	0-2 . 0 is in normal mode, 1 is any other mode, 2 is cal mode
20	32	Channel 8 Mode	R	16	ENUMERATION	0-2 . 0 is in normal mode, 1 is any other mode, 2 is cal mode
21	33	Channel 1 Power	R	32	FLOAT	0. The 4-20 Sensors do not send the power reading.
23	35	Channel 2 Power	R	32	FLOAT	0. The 4-20 Sensors do not send the power reading.
25	37	Channel 3 Power	R	32	FLOAT	0. The 4-20 Sensors do not send the power reading.
27	39	Channel 4 Power	R	32	FLOAT	0. The 4-20 Sensors do not send the power reading.
29	41	Channel 5 Power	R	32	FLOAT	0. The 4-20 Sensors do not send the power reading.
2B	43	Channel 6 Power	R	32	FLOAT	0. The 4-20 Sensors do not send the power reading.
2D	45	Channel 7 Power	R	32	FLOAT	0. The 4-20 Sensors do not send the power reading.

2F	47	Channel 8 Power	R	32	FLOAT	0. The 4-20 Sensors do not send the power reading.
31	49	Channel 1 Sensor Type	R	16	ENUMERATION	0. The 4-20 Sensors do not send the Sensor Type.
32	50	Channel 2 Sensor Type	R	16	ENUMERATION	0. The 4-20 Sensors do not send the Sensor Type.
33	51	Channel 3 Sensor Type	R	16	ENUMERATION	0. The 4-20 Sensors do not send the Sensor Type.
34	52	Channel 4 Sensor Type	R	16	ENUMERATION	0. The 4-20 Sensors do not send the Sensor Type.
35	53	Channel 5 Sensor Type	R	16	ENUMERATION	0. The 4-20 Sensors do not send the Sensor Type.
36	54	Channel 6 Sensor Type	R	16	ENUMERATION	0. The 4-20 Sensors do not send the Sensor Type.
37	55	Channel 7 Sensor Type	R	16	ENUMERATION	0. The 4-20 Sensors do not send the Sensor Type.
38	56	Channel 8 Sensor Type	R	16	ENUMERATION	0. The 4-20 Sensors do not send the Sensor Type.
39	57	Channel 1 Gas Type	R/W	16	ENUMERATION	0-127 See Gas Enumeration below
3A	58	Channel 2 Gas Type	R/W	16	ENUMERATION	0-127 See Gas Enumeration below
3B	59	Channel 3 Gas Type	R/W	16	ENUMERATION	0-127 See Gas Enumeration below
3C	60	Channel 4 Gas Type	R/W	16	ENUMERATION	0-127 See Gas Enumeration below
3D	61	Channel 5 Gas Type	R/W	16	ENUMERATION	0-127 See Gas Enumeration below
3E	62	Channel 6 Gas Type	R/W	16	ENUMERATION	0-127 See Gas Enumeration below
3F	63	Channel 7 Gas Type	R/W	16	ENUMERATION	0-127 See Gas Enumeration below
40	64	Channel 8 Gas Type	R/W	16	ENUMERATION	0-127 See Gas Enumeration below
41	65	Channel 1 Fault	R	16	ENUMERATION	0 or 13. The 4-20 Sensors do not send what type of Fault
42	66	Channel 2 Fault	R	16	ENUMERATION	0 or 13. The 4-20 Sensors do not send what type of Fault
43	67	Channel 3 Fault	R	16	ENUMERATION	0 or 13. The 4-20 Sensors do not send what type of Fault
44	68	Channel 4 Fault	R	16	ENUMERATION	0 or 13. The 4-20 Sensors do not send what type of Fault
45	69	Channel 5 Fault	R	16	ENUMERATION	0 or 13. The 4-20 Sensors do not send what type of Fault
46	70	Channel 6 Fault	R	16	ENUMERATION	0 or 13. The 4-20 Sensors do not send what type of Fault
47	71	Channel 7 Fault	R	16	ENUMERATION	0 or 13. The 4-20 Sensors do not send what type of Fault
48	72	Channel 8 Fault	R	16	ENUMERATION	0 or 13. The 4-20 Sensors do not send what type of Fault
49	73	Channel 1 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
4A	74	Channel 2 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
4B	75	Channel 3 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
4C	76	Channel 4 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
4D	77	Channel 5 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
4E	78	Channel 6 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
4F	79	Channel 7 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
50	80	Channel 8 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
51	81	Channel 1 Relay 1 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
52	82	Channel 2 Relay 1 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
53	83	Channel 3 Relay 1 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
54	84	Channel 4 Relay 1 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
55	85	Channel 5 Relay 1 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
56	86	Channel 6 Relay 1 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
57	87	Channel 7 Relay 1 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on

58	88	Channel 8 Relay 1 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
59	89	Channel 1 Relay 1 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
5A	90	Channel 2 Relay 1 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
5B	91	Channel 3 Relay 1 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
5C	92	Channel 4 Relay 1 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
5D	93	Channel 5 Relay 1 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
5E	94	Channel 6 Relay 1 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
5F	95	Channel 7 Relay 1 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
60	96	Channel 8 Relay 1 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
61	97	Channel 1 Relay 1 Set Point	R/W	32	FLOAT	Float < 2000.When writing it needs to be less than the scale.
63	99	Channel 2 Relay 1 Set Point	R/W	32	FLOAT	Float < 2000.When writing it needs to be less than the scale.
65	101	Channel 3 Relay 1 Set Point	R/W	32	FLOAT	Float < 2000.When writing it needs to be less than the scale.
67	103	Channel 4 Relay 1 Set Point	R/W	32	FLOAT	Float < 2000.When writing it needs to be less than the scale.
69	105	Channel 5 Relay 1 Set Point	R/W	32	FLOAT	Float < 2000.When writing it needs to be less than the scale.
6B	107	Channel 6 Relay 1 Set Point	R/W	32	FLOAT	Float < 2000.When writing it needs to be less than the scale.
6D	109	Channel 7 Relay 1 Set Point	R/W	32	FLOAT	Float < 2000.When writing it needs to be less than the scale.
6F	111	Channel 8 Relay 1 Set Point	R/W	32	FLOAT	Float < 2000.When writing it needs to be less than the scale.
71	113	Channel 1 Relay 1 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
72	114	Channel 2 Relay 1 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
73	115	Channel 3 Relay 1 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
74	116	Channel 4 Relay 1 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
75	117	Channel 5 Relay 1 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
76	118	Channel 6 Relay 1 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
77	119	Channel 7 Relay 1 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
78	120	Channel 8 Relay 1 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
79	121	Channel 1 Relay 2 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
7A	122	Channel 2 Relay 2 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
7B	123	Channel 3 Relay 2 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
7C	124	Channel 4 Relay 2 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
7D	125	Channel 5 Relay 2 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
7E	126	Channel 6 Relay 2 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
7F	127	Channel 7 Relay 2 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
80	128	Channel 8 Relay 2 On/Off	R/W	16	ENUMERATION	0 – 1, 0 means off, 1 means on
81	129	Channel 1 Relay 2 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
82	130	Channel 2 Relay 2 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
83	131	Channel 3 Relay 2 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
84	132	Channel 4 Relay 2 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
85	133	Channel 5 Relay 2 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
86	134	Channel 6 Relay 2 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
87	135	Channel 7 Relay 2 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high

88	136	Channel 8 Relay 2 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
89	137	Channel 1 Relay 2 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
8B	139	Channel 2 Relay 2 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
8D	141	Channel 3 Relay 2 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
8F	143	Channel 4 Relay 2 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
91	145	Channel 5 Relay 2 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
93	147	Channel 6 Relay 2 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
95	149	Channel 7 Relay 2 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
97	151	Channel 8 Relay 2 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
99	153	Channel 1 Relay 2 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
9A	154	Channel 2 Relay 2 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
9B	155	Channel 3 Relay 2 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
9C	156	Channel 4 Relay 2 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
9D	157	Channel 5 Relay 2 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
9E	158	Channel 6 Relay 2 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
9F	159	Channel 7 Relay 2 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
A0	160	Channel 8 Relay 2 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
A1	161	Channel 1 Relay 3 On/Off	R/W	16	ENUMERATION	0 - 1 ,0 means off, 1 means on
A2	162	Channel 2 Relay 3 On/Off	R/W	16	ENUMERATION	0 - 1 ,0 means off, 1 means on
A3	163	Channel 3 Relay 3 On/Off	R/W	16	ENUMERATION	0 - 1 ,0 means off, 1 means on
A4	164	Channel 4 Relay 3 On/Off	R/W	16	ENUMERATION	0 - 1 ,0 means off, 1 means on
A5	165	Channel 5 Relay 3 On/Off	R/W	16	ENUMERATION	0 - 1 ,0 means off, 1 means on
A6	166	Channel 6 Relay 3 On/Off	R/W	16	ENUMERATION	0 - 1 ,0 means off, 1 means on
A7	167	Channel 7 Relay 3 On/Off	R/W	16	ENUMERATION	0 - 1 ,0 means off, 1 means on
A8	168	Channel 8 Relay 3 On/Off	R/W	16	ENUMERATION	0 - 1 ,0 means off, 1 means on
A9	169	Channel 1 Relay 3 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
AA	170	Channel 2 Relay 3 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
AB	171	Channel 3 Relay 3 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
AC	172	Channel 4 Relay 3 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
AD	173	Channel 5 Relay 3 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
AE	174	Channel 6 Relay 3 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
AF	175	Channel 7 Relay 3 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
B0	176	Channel 8 Relay 3 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
B1	177	Channel 1 Relay 3 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
B3	179	Channel 2 Relay 3 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
B5	181	Channel 3 Relay 3 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
B7	183	Channel 4 Relay 3 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
B9	185	Channel 5 Relay 3 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
BB	187	Channel 6 Relay 3 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
BD	189	Channel 7 Relay 3 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.

BF	191	Channel 8 Relay 3 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
C1	193	Channel 1 Relay 3 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
C2	194	Channel 2 Relay 3 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
C3	195	Channel 3 Relay 3 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
C4	196	Channel 4 Relay 3 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
C5	197	Channel 5 Relay 3 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
C6	198	Channel 6 Relay 3 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
C7	199	Channel 7 Relay 3 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
C8	200	Channel 8 Relay 3 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
C9	201	Channel 1 Relay 4 On/Off	R/W	16	ENUMERATION	0 - 1 ,0 means off, 1 means on
CA	202	Channel 2 Relay 4 On/Off	R/W	16	ENUMERATION	0 - 1 ,0 means off, 1 means on
CB	203	Channel 3 Relay 4 On/Off	R/W	16	ENUMERATION	0 - 1 ,0 means off, 1 means on
CC	204	Channel 4 Relay 4 On/Off	R/W	16	ENUMERATION	0 - 1 ,0 means off, 1 means on
CD	205	Channel 5 Relay 4 On/Off	R/W	16	ENUMERATION	0 - 1 ,0 means off, 1 means on
CE	206	Channel 6 Relay 4 On/Off	R/W	16	ENUMERATION	0 - 1 ,0 means off, 1 means on
CF	207	Channel 7 Relay 4 On/Off	R/W	16	ENUMERATION	0 - 1 ,0 means off, 1 means on
D0	208	Channel 8 Relay 4 On/Off	R/W	16	ENUMERATION	0 - 1 ,0 means off, 1 means on
D1	209	Channel 1 Relay 4 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
D2	210	Channel 2 Relay 4 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
D3	211	Channel 3 Relay 4 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
D4	212	Channel 4 Relay 4 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
D5	213	Channel 5 Relay 4 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
D6	214	Channel 6 Relay 4 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
D7	215	Channel 7 Relay 4 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
D8	216	Channel 8 Relay 4 High/Low	R/W	16	ENUMERATION	0 - 1 ,0 means low, 1 means high
D9	217	Channel 1 Relay 4 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
DB	219	Channel 2 Relay 4 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
DD	221	Channel 3 Relay 4 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
DF	223	Channel 4 Relay 4 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
E1	225	Channel 5 Relay 4 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
E3	227	Channel 6 Relay 4 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
E5	229	Channel 7 Relay 4 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
E7	231	Channel 8 Relay 4 Set Point	R/W	32	FLOAT	Float < 2000. When writing it needs to be less than the scale.
E9	233	Channel 1 Relay 4 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
EA	234	Channel 2 Relay 4 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
EB	235	Channel 3 Relay 4 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
EC	236	Channel 4 Relay 4 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
ED	237	Channel 5 Relay 4 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
EE	238	Channel 6 Relay 4 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
EF	239	Channel 7 Relay 4 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch

F0	240	Channel 8 Relay 4 Latch/Unlatch	R/W	16	ENUMERATION	0 - 1 ,0 means unlatch, 1 means latch
F1	241	Channel 1 Scale	R/W	16	INTEGER	0-2000. This is the scale of the sensor on this channel.
F2	242	Channel 2 Scale	R/W	16	INTEGER	0-2000. This is the scale of the sensor on this channel.
F3	243	Channel 3 Scale	R/W	16	INTEGER	0-2000. This is the scale of the sensor on this channel.
F4	244	Channel 4 Scale	R/W	16	INTEGER	0-2000. This is the scale of the sensor on this channel.
F5	245	Channel 5 Scale	R/W	16	INTEGER	0-2000. This is the scale of the sensor on this channel.
F6	246	Channel 6 Scale	R/W	16	INTEGER	0-2000. This is the scale of the sensor on this channel.
F7	247	Channel 7 Scale	R/W	16	INTEGER	0-2000. This is the scale of the sensor on this channel.
F8	248	Channel 8 Scale	R/W	16	INTEGER	0-2000. This is the scale of the sensor on this channel.
F9	249	Channel 1 Min Scale	R/W	16	INTEGER	-70-0. This is the bottom of the scale.
FA	250	Channel 2 Min Scale	R/W	16	INTEGER	-70-0. This is the bottom of the scale.
FB	251	Channel 3 Min Scale	R/W	16	INTEGER	-70-0. This is the bottom of the scale.
FC	252	Channel 4 Min Scale	R/W	16	INTEGER	-70-0. This is the bottom of the scale.
FD	253	Channel 5 Min Scale	R/W	16	INTEGER	-70-0. This is the bottom of the scale.
FE	254	Channel 6 Min Scale	R/W	16	INTEGER	-70-0. This is the bottom of the scale.
FF	255	Channel 7 Min Scale	R/W	16	INTEGER	-70-0. This is the bottom of the scale.
100	256	Channel 8 Min Scale	R/W	16	INTEGER	-70-0. This is the bottom of the scale.
Modbus and Build Data						
1771	6001	Modbus Address	R/W	16	INTEGER	1 – 247
1772	6002	Modbus Baud Rate	R/W	16	INTEGER	Valid Baud Rate. See below.
1773	6003	Month	R	16	INTEGER	1 – 12
1774	6004	Day	R	16	INTEGER	1 – 31
1775	6005	Year	R	16	INTEGER	2009 –
1776	6006	Serial Number Character	R	16	ENUMERATION	12 This is for the Letter “L” in the serial number.
1777	6007	Serial Number	R	32	LONG INT	1 – 99999
Settings in Startup Menu						
177C	6012	Relay 4 as Fault Relay	R	16	ENUMERATION	0 – 1, 0 means normal relay, 1 means Fault Relay
177D	6013	Relay 1 Fail Safe	R	16	ENUMERATION	0 – 1, 0 means not Fail Safe, 1 means Fail Safe
177E	6014	Relay 2 Fail Safe	R	16	ENUMERATION	0 – 1, 0 means not Fail Safe, 1 means Fail Safe
177F	6015	Relay 3 Fail Safe	R	16	ENUMERATION	0 – 1, 0 means not Fail Safe, 1 means Fail Safe
1780	6016	Relay 4 Fail Safe	R	16	ENUMERATION	0 – 1, 0 means not Fail Safe, 1 means Fail Safe
1781	6017	Fault Terminal Fail Safe	R	16	ENUMERATION	0 – 1, 0 means not Fail Safe, 1 means Fail Safe
Diagnostics Data						
2704	9988	Reset	R/W	16	INTEGER	0, 1. If user sets to 1, resets the unit.
2705	9989	Serial Receive Good Count	R	16	UINT	0 – 65535
2706	9990	Serial Receive Error Count	R	16	UINT	0 – 65535
2707	9991	Serial Transmit Good Count	R	16	UINT	0 – 65535
2708	9992	Serial Transmit Error Count	R	16	UINT	0 – 65535
2709	9993	Radio Receive Good Count	R	16	UINT	0 – 65535
270A	9994	Radio Receive Error Count	R	16	UINT	0 – 65535

270B	9995	Radio Transmit Good Count	R	16	UINT	0 – 65535
270C	9996	Radio Transmit Error Count	R	16	UINT	0 – 65535
270D	9997	Uptime Days	R	16	UINT	0 – 65535
270E	9998	Uptime Hours	R	16	UINT	0 – 65535
270F	9999	Uptime Minutes	R	16	UINT	0 – 65535

MODE SENSOR	MODE
0	NORMAL
1	NULL
2	CALIBRATION
3	RELAY
4	Radio ADD
5	Diagnostic/Batt
6	Advanced Menu
7	Admin Menu

Valid Baud Rates
4800
9600
19200

Serial Number Char	Char
1	A
2	B
3	C
4	D
5	E
6	F
7	G
8	H
9	I
10	J
11	K
12	L
13	M
14	N
15	O
16	P
17	Q
18	R
19	S
20	T
21	U
22	V

FAULT	FAULT
0	NONE
1	N/A
2	Future Error
3	Future Error
4	N/A
5	N/A
6	N/A
7	Future Error
8	N/A
9	N/A
10	When Sensor is wired, it means no sensor is connected
11	Future Error
12	Future Error
13	Unspecified Error on sensor unit. Shown only on Monitor
14	N/A
15	Monitor Fault

SENSOR TYPE NUM	SENSOR
0	EC
1	IR
2	CB
3	MOS
4	PID
5	TANK
6	4-20
7	SWITCH
8	Unknown

23	W
24	X
25	Y
26	Z
27	AA
28	AB
29	AC
30	AD
31	AE
32	AF
33	AG
34	AH
35	AI
36	AJ
37	AK
38	AL
39	AM
40	AN
41	AO
42	AP
43	AQ
44	AR
45	AS
46	AT
47	AU
48	AV
49	AW
50	AX
51	AY
52	AZ

30	WF190
31	None Selected

GAS TYPE NUM	GAS
0	H2S
1	SO2
2	O2
3	CO
4	CL2
5	CO2
6	LEL
7	VOC
8	FEET
9	HCl
10	NH3
11	H2
12	ClO2
13	HCN
14	F2
15	HF
16	CH2O
17	NO2
18	O3
19	INCHES
20	4-20
21	Not Specified
22	C°
23	F°
24..N	Future Gases