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JTL ANALOGUE INPUT MONITOR ITEM NUMBERS

AI220/AI221

ITEM	DESCRIPTION	CODE	CODE MEANING	BIT	RANGE	ITEM 9 VALUE
				4321		
1. Jnet NETWORK IDENTIFICATION						
0	Unit type	AI22	Unit type			
19	Software version number					
1	Unit number				0.1 - 899.8	
2. UNIT FUNCTION						
Note. Pressures must be in the units shown so that the correct values are displayed on the network.						
60	Unit function	1 2 3 4 5	General purpose Pack pressures (psi) Liquid level LPA monitoring (psi) Transcritical CO2 (bar)		1 - 10	1
3. CONFIGURATION & READINGS						
65	Damping time constant				0 - 120 mins	30 mins
3.1 Channel 1						
29	Enable Channel	0 1	diS En	Channel disabled Channel enabled		0 - 1 1
20	Scaled reading (damped)					
21	Scaled reading (live)					
122	Full scale reading (20mA)				-99.9 - 999.9	100.0
120	Zero input reading (4mA)				-99.9 - 999.9	0.0
28	Include channel in average	0 1	Off Inc	Excluded Included		1
3.2 Channel 2						
39	Enable Channel	0 1	diS En	Channel disabled Channel enabled		0 - 1 1
30	Scaled reading (damped)					
31	Scaled reading (live)					
132	Full scale reading (20mA)				-99.9 - 999.9	100.0
130	Zero input reading (4mA)				-99.9 - 999.9	0.0
38	Include channel in average	0 1	Off Inc	Excluded Included		1
3.3 Channel 3						
49	Enable Channel	0 1	diS En	Channel disabled Channel enabled		0 - 1 1
40	Scaled reading (damped)					
41	Scaled reading (live)					
142	Full scale reading (20mA)				-99.9 - 999.9	100.0
140	Zero input reading (4mA)				-99.9 - 999.9	0.0
48	Include channel in average	0 1	Off Inc	Excluded Included		1

JTL ANALOGUE INPUT MONITOR ITEM NUMBERS						AI220/AI221	
ITEM	DESCRIPTION	CODE		CODE MEANING	BIT	RANGE	ITEM 9 VALUE
					4321		
3.4 Channel 4							
59	Enable Channel	0 1	diS En	Channel disabled Channel enabled		0 - 1	1
50	Scaled reading (damped)						
51	Scaled reading (live)						
152	Full scale reading (20mA)					-99.9 -999.9	100.0
150	Zero input reading (4mA)					-99.9 - 999.9	0.0
58	Include channel in average	0 1	Off Inc	Excluded Included			1
3.5 Channel Average							
160	Average of included and valid channel readings						
4. CHANNEL ALARM DATA							
4.1 Channel 1							
22	Alarm level 1					-99.9 to 999.9	0.0
23	Alarm 1 High/Low	0 1	AL.Lo AL.Hi	Low level High level		0 - 1	0 AL.Lo
24	Alarm level 2					-99.9 to 999.9	100.0
25	Alarm 2 High/Low	0 1	AL.Lo AL.Hi	Low level High level		0 - 1	1 AL.Hi
26	Alarms Critical/Non Critical	0 1 2 3	Crit N.Crt 1.Crt 2.crt	Both Critical Both non Critical Alarm 1 Critical Alarm 2 non Critical Alarm 2 Critical Alarm 1 non Critical		0 - 3	0 Crit
27	Alarm delay					0 - 120 mins	20 mins
4.2 Channel 2							
32	Alarm level 1					-99.9 to 999.9	0.0
33	Alarm 1 High/Low	0 1	AL.Lo AL.Hi	Low level High level		0 - 1	0 AL.Lo
34	Alarm level 2					-99.9 to 999.9	100.0
35	Alarm 2 High/Low	0 1	AL.Lo AL.Hi	Low level High level		0 - 1	1 AL.Hi
36	Alarms Critical/Non Critical	0 1 2 3	Crit N.Crt 1.Crt 2.crt	Both Critical Both non Critical Alarm 1 Critical Alarm 2 non Critical Alarm 2 Critical Alarm 1 non Critical		0 - 3	0 Crit
37	Alarm delay					0 - 120 mins	20 mins

JTL ANALOGUE INPUT MONITOR ITEM NUMBERS					AI220/AI221			
ITEM	DESCRIPTION	CODE		CODE MEANING	BIT	RANGE	ITEM 9 VALUE	
					4321			
4.3 Channel 3								
42	Alarm level 1					-99.9 to 999.9	0.0	
43	Alarm 1 High/Low	0 1	AL.Lo AL.Hi	Low level High level		0 - 1	0	AL.Lo
44	Alarm level 2					-99.9 to 999.9	100.0	
45	Alarm 2 High/Low	0 1	AL.Lo AL.Hi	Low level High level		0 - 1	1	AL.Hi
46	Alarms Critical/Non Critical	0 1 2 3	Crit N.Crt 1.Crt 2.crt	Both Critical Both non Critical Alarm 1 Critical Alarm 2 non Critical Alarm 2 Critical Alarm 1 non Critical		0 - 3	0	Crit
47	Alarm delay					0 - 120 mins	20 mins	
4.4 Channel 4								
52	Alarm level 1					-99.9 to 999.9	0.0	
53	Alarm 1 High/Low	0 1	AL.Lo AL.Hi	Low level High level		0 - 1	0	AL.Lo
54	Alarm level 2					-99.9 to 999.9	100.0	
55	Alarm 2 High/Low	0 1	AL.Lo AL.Hi	Low level High level		0 - 1	1	AL.Hi
56	Alarms Critical/Non Critical	0 1 2 3	Crit N.Crt 1.Crt 2.crt	Both Critical Both non Critical Alarm 1 Critical Alarm 2 non Critical Alarm 2 Critical Alarm 1 non Critical		0 - 3	0	Crit
57	Alarm delay					0 - 120 mins	20 mins	
5. RESTORE FACTORY DEFAULTS								
9	Set default values	1234		Set defaults				
6. DIAGNOSTIC & TEST FUNCTIONS								
10	Processor Alarms	0 32		No alarms NVRAM Fault				
v1.00.5on 89	ADC Reference Valve							