

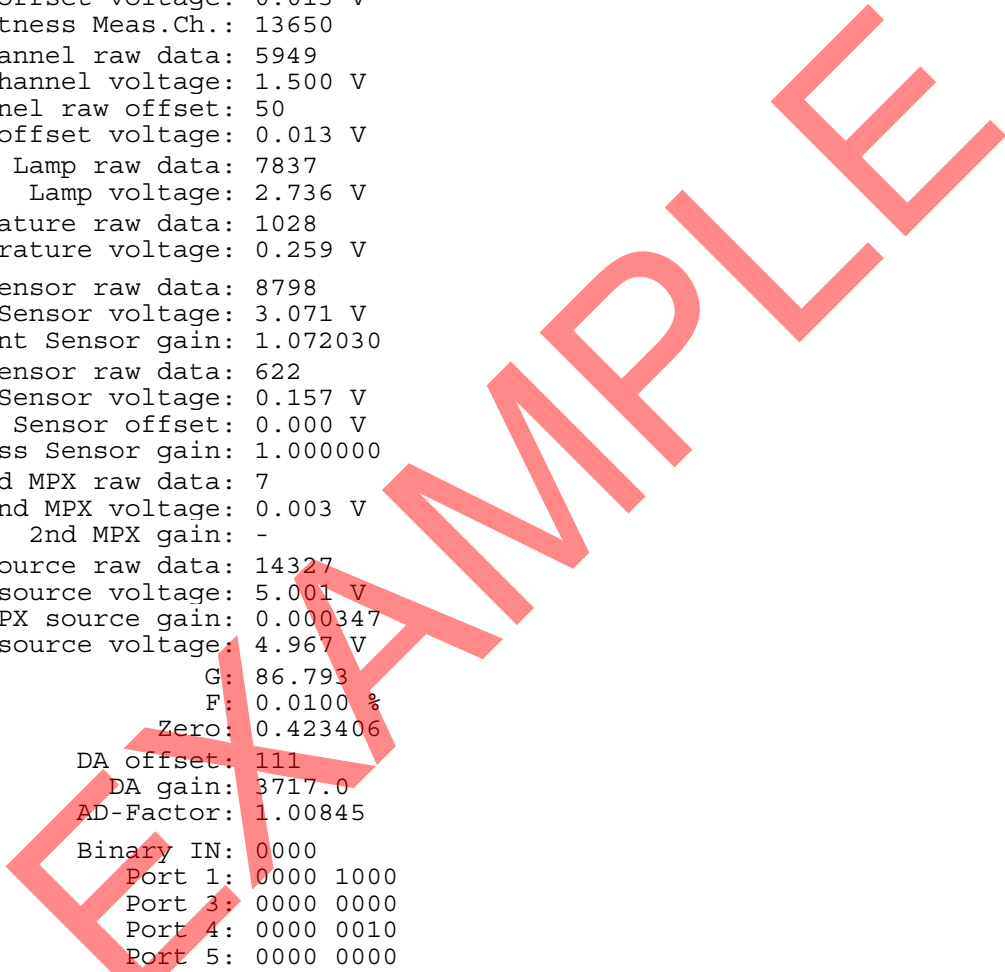
**BMT 964 Link V1.54: Diagnostics report for #120543413, 6/20/2018, 2:03:37 PM**

Serial Number: #120543413	Hours running: 41093h
Firmware: V2.04	Norm Temperature: 273.15 K
BMT 964 date: 6/20/2018	Norm Pressure: 1.01325 bar abs
BMT 964 time: 2:03:06 PM	Mol Weight: 31.99880 g/mol
Concentration: 1.6 g/Nm3	Low Alarm: 80.0 g/Nm3
Range: 200.0 g/Nm3	High Alarm: 160.0 g/Nm3
Pressure: 0.7990 bar abs	Alarm Beeper: ON
Pressure Range: 1.15 bar abs	Alarm Relay: closing upon alarm
Cuvette status: warning level (55.8%)	Analog output: measured
AZ interval: OFF	RS232 output: every 1s
Purge Time: 10 s	User Baud rate: 9600
	Link Baud rate: 38400 (COM9)

Ref channel raw data: 14236  
Ref channel voltage: 3.589 V  
Ref channel raw offset: 53  
Ref channel offset voltage: 0.013 V  
Initial Brightness Meas.Ch.: 13650  
Meas. channel raw data: 5949  
Meas. channel voltage: 1.500 V  
Meas. channel raw offset: 50  
Meas. channel offset voltage: 0.013 V  
Lamp raw data: 7837  
Lamp voltage: 2.736 V  
Temperature raw data: 1028  
Temperature voltage: 0.259 V  
Vent Sensor raw data: 8798  
Vent Sensor voltage: 3.071 V  
Vent Sensor gain: 1.072030  
Press Sensor raw data: 622  
Press Sensor voltage: 0.157 V  
Press Sensor offset: 0.000 V  
Press Sensor gain: 1.000000  
2nd MPX raw data: 7  
2nd MPX voltage: 0.003 V  
2nd MPX gain: -  
MPX source raw data: 14327  
MPX source voltage: 5.001 V  
MPX source gain: 0.000347  
true MPX source voltage: 4.967 V  
G: 86.793  
F: 0.0100 %  
Zero: 0.423406

DA offset: 111  
DA gain: 3717.0  
AD-Factor: 1.00845  
Binary IN: 0000  
Port 1: 0000 1000  
Port 3: 0000 0000  
Port 4: 0000 0010  
Port 5: 0000 0000

System Flags A:	0100 0100	1000 0000	
System Flags B:	0000 0000	0100 1000	
Bin Var A:	0000 0000	0000 0011	Standard
Bin Var B:	0000 0010	1110 0000	Beep on / 232 timed / DirtWarn / AR clos.
Error & Status:	0000 0000	1111 0111	DirtyWarn





Error Log:

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1: 4/24/2018, 3:07:16 PM, Type 64: OverrangeErr
2: 4/24/2018, 3:07:18 PM, Type 0: (none)
3: 4/24/2018, 3:07:20 PM, Type 64: OverrangeErr
4: 4/24/2018, 3:07:21 PM, Type 0: (none)
5: 4/24/2018, 3:07:22 PM, Type 64: OverrangeErr
6: 4/24/2018, 3:07:23 PM, Type 0: (none)
7: 4/24/2018, 3:07:26 PM, Type 64: OverrangeErr
8: 4/24/2018, 3:07:27 PM, Type 0: (none)
9: 4/24/2018, 3:07:28 PM, Type 64: OverrangeErr
10: 4/24/2018, 3:07:29 PM, Type 0: (none)
11: 4/24/2018, 3:07:30 PM, Type 64: OverrangeErr
12: 4/24/2018, 3:07:31 PM, Type 0: (none)
13: 5/9/2018, 8:38:59 AM, Type 32: OverPressErr
14: 5/9/2018, 8:39:00 AM, Type 0: (none)
15: 5/9/2018, 8:44:45 AM, Type 16: DirtyErr
16: 5/10/2018, 9:00:21 AM, Type 8: DirtyWarn
    
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Event Log:

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1: 12/21/2017, 9:12:50 AM, Type 2: Switched off, at 310.3620 K
2: 12/21/2017, 9:17:01 AM, Type 1: Switched on, at 1.0140 bar
3: 12/21/2017, 10:20:19 AM, Type 4: Zeroed, cuvette 0.0000 % dirty
4: 12/21/2017, 5:13:10 PM, Type 2: Switched off, at 296.1680 K
5: 12/22/2017, 12:05:01 PM, Type 1: Switched on, at 1.0190 bar
6: 12/22/2017, 3:15:40 PM, Type 4: Zeroed, cuvette 0.0000 % dirty
7: 12/22/2017, 6:15:37 PM, Type 2: Switched off, at 289.6630 K
8: 1/2/2018, 10:03:01 AM, Type 1: Switched on, at 1.0220 bar
9: 1/2/2018, 10:32:52 AM, Type 4: Zeroed, cuvette 0.0000 % dirty
10: 1/2/2018, 12:45:22 PM, Type 4: Zeroed, cuvette 0.0000 % dirty
11: 1/8/2018, 11:54:43 AM, Type 2: Switched off, at 302.3450 K
12: 1/8/2018, 12:29:01 PM, Type 1: Switched on, at 1.0180 bar
13: 1/8/2018, 12:35:14 PM, Type 4: Zeroed, cuvette 0.0000 % dirty
14: 1/8/2018, 12:41:27 PM, Type 4: Zeroed, cuvette 0.0000 % dirty
15: 1/9/2018, 9:59:00 AM, Type 4: Zeroed, cuvette 0.0000 % dirty
16: 1/26/2018, 4:56:11 PM, Type 4: Zeroed, cuvette 0.0000 % dirty
17: 1/26/2018, 4:57:25 PM, Type 4: Zeroed, cuvette 0.0000 % dirty
18: 2/1/2018, 10:13:32 AM, Type 2: Switched off, at 297.7310 K
19: 2/12/2018, 4:46:01 PM, Type 1: Switched on, at 1.0190 bar
20: 2/12/2018, 5:29:37 PM, Type 4: Zeroed, cuvette 0.0000 % dirty
21: 2/12/2018, 7:03:16 PM, Type 2: Switched off, at 296.4960 K
22: 2/13/2018, 8:28:01 AM, Type 1: Switched on, at 1.0240 bar
23: 2/13/2018, 5:20:29 PM, Type 2: Switched off, at 295.4370 K
24: 2/14/2018, 9:58:01 AM, Type 1: Switched on, at 1.0260 bar
25: 2/14/2018, 10:04:12 AM, Type 4: Zeroed, cuvette 0.0000 % dirty
26: 2/14/2018, 12:44:47 PM, Type 2: Switched off, at 295.7390 K
27: 2/16/2018, 8:24:01 AM, Type 1: Switched on, at 1.0180 bar
28: 2/16/2018, 12:07:30 PM, Type 4: Zeroed, cuvette 0.0000 % dirty
29: 2/21/2018, 12:10:27 PM, Type 2: Switched off, at 302.6220 K
30: 2/21/2018, 1:04:01 PM, Type 1: Switched on, at 1.0250 bar
31: 2/22/2018, 8:49:27 AM, Type 4: Zeroed, cuvette 0.0000 % dirty
32: 2/22/2018, 5:08:45 PM, Type 2: Switched off, at 296.3190 K
33: 3/27/2018, 10:04:01 AM, Type 1: Switched on, at 1.0210 bar
34: 3/27/2018, 11:10:01 AM, Type 4: Zeroed, cuvette 0.0000 % dirty
35: 3/27/2018, 1:36:12 PM, Type 4: Zeroed, cuvette 0.0000 % dirty
36: 4/2/2018, 2:17:44 PM, Type 4: Zeroed, cuvette 0.0000 % dirty
37: 4/15/2018, 2:30:37 PM, Type 2: Switched off, at 309.9330 K
38: 4/15/2018, 2:30:01 PM, Type 1: Switched on, at 1.0070 bar
39: 4/23/2018, 11:36:11 AM, Type 2: Switched off, at 309.0000 K
40: 4/23/2018, 11:37:01 AM, Type 1: Switched on, at 1.0150 bar
41: 5/5/2018, 11:16:17 PM, Type 2: Switched off, at 312.8580 K
42: 5/5/2018, 11:16:01 PM, Type 1: Switched on, at 1.0310 bar
43: 5/9/2018, 8:44:44 AM, Type 4: Zeroed, cuvette 67.3770 % dirty
44: 5/9/2018, 8:45:00 AM, Type 2: Switched off, at 299.9240 K
45: 5/10/2018, 8:58:01 AM, Type 1: Switched on, at 1.0160 bar
46: 5/10/2018, 9:00:20 AM, Type 4: Zeroed, cuvette 55.8360 % dirty
47: 5/10/2018, 9:00:48 AM, Type 2: Switched off, at 296.8230 K
48: 6/20/2018, 3:29:01 PM, Type 1: Switched on, at 0.7990 bar
    
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