INSTRUMENT SPECIFICATION SHEET - FORMALDEHYDE GAS MONITORS	DETCON, INC. Rev No. 0 Date: 11/26/03							
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16 CALIBRATED RANGE 0-100 PPM	SENSOR DATA			DM-600IS-CH2O				
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17 TRANSMITTER TAG NUMBER DM-600IS-CH20		-						
18 MODEL NUMBER DM-600IS-CH2O 19 HOUSING NEMA (OR EQUIVALENT) RATING NEMA 7/4X 20 HOUSING MATERIAL Note 1 21 CONDUIT CONNECTION SIZE 3/4" NPT 22 OUTPUT SIGNAL, RANGE MA 4-20 mA DC 23 MAXIMUM LOOP LOAD, OHMS (@ 24 VDC) 1000 ohms 24 OUTPUT SIGNAL, CABLE LENGTH 25 SENSOR REPLACEABLE UNDER POWER YES 26 POWER SUPPLY 22.5-28 VDC 27 DIGITAL DISPLAY YES 28 CONTROL UNIT REQUIRED NO NO 29 CONTROL UNIT TAG NUMBER 30 MODEL NUMBER 30 MODEL NUMBER 31 NUMBER OF CHANNELS 32 NUMBER OF MULTI-CHANNEL RACKS 33 LOCATION 34 MOUNTING 35 HOUSING NEMA (OR EQUIVALENT) RATING 36 POWER SUPPLY 37 INTEGRAL LOGIC AND LOOP POWER 38 WARNING ALARM SETPOINT, IN MEASUREMENT UNITS Note 2 40 CRITICAL ALARM SETPOINT, IN MEASUREMENT UNITS Note 2 40 CRITICAL ALARM SETPOINT, IN MEASUREMENT UNITS Note 2 Note		_		0-100 PPW				
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42 ELECTRICAL AREA CLASSIFICATION Class I Division 1 Groups B,C,D		42	ELECTRICAL AREA CLASSIFICATION					

NOTES:

- 1) Standard Housing Material: Aluminum with epoxy baked finish, Optional: 316 SS
- 2) Alarm relays (2) are field programmable for Latching/Unlatching and Alarm Setpoint; 1 fault relay
- 3) Warranty: Sensor 2-year, Transmitter 2-year w/ 5-year fixed fee repair
- 4) Operating Temp. -20°C to +50°C, Operating Humidity 15% to 90% RH non-condensing
- 5) Accuracy/Repeatability is + 2.0% of Full Scale
- 6) Response Time: T90 < 140 seconds
- 7) Plug-in, field replaceable sensor element and transmitter
- 8) Sensor outputs include 4-20 mA, alarm relays (2 w/ LED), fault relay and RS-485 (Modbus RTU)
- 9) Microprocessor-controlled, self-diagnostic transmitter electronics with local Fault LED