



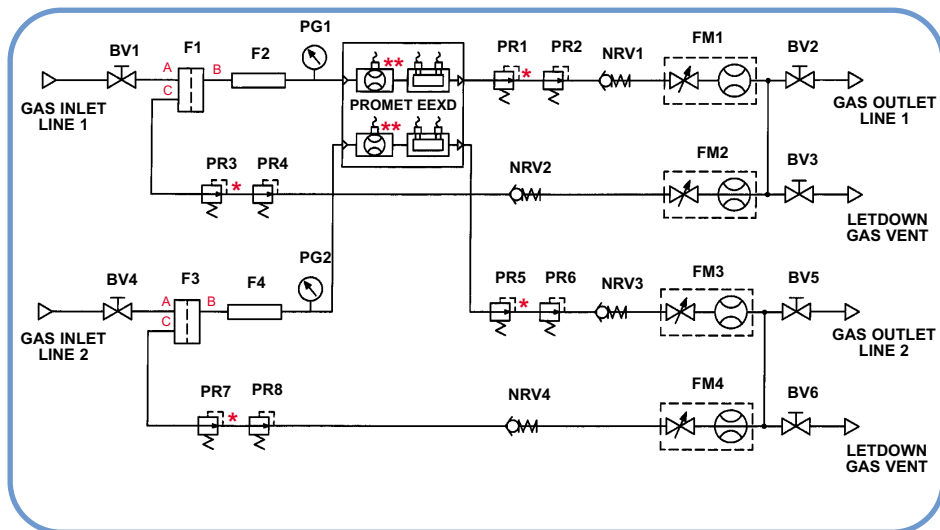
Promet EExd

Premium Sampling Systems



From the Process Instrumentation Range

Natural Gas Processing and Transmission Sampling System



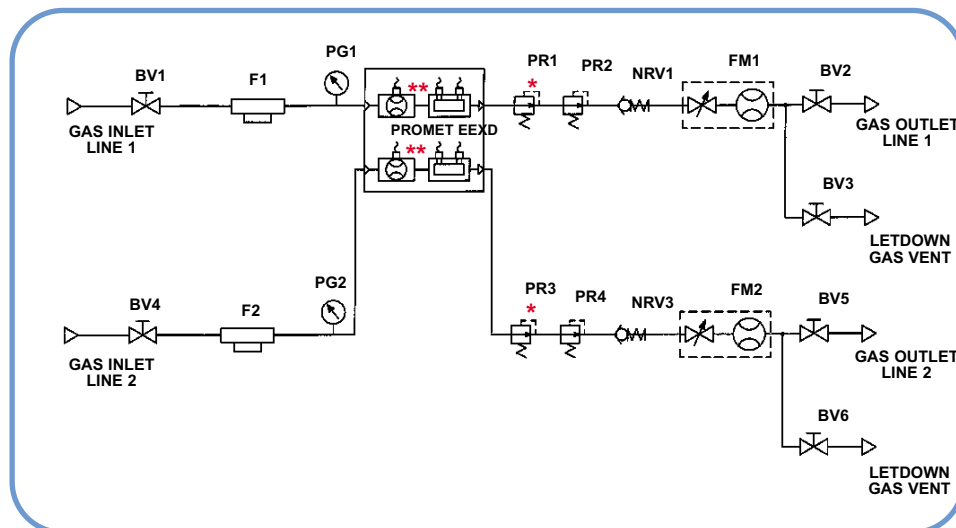
KEY:

- BV1/4: Sample Inlet Isolation Valve
- BV2/5: Gas Outlet Isolation Valve
- BV3/6: Gas Letdown Vent Isolation Valve
- F1/3: Micro-Porous Membrane Filter
- F2/4: Glycol Adsorption Filter
- PG1/2: Pressure Gauge
- PG1/3/5/7: Sample Letdown Pressure Regulators (1st Stage)
- PG2/4/6/8: Bypass Letdown Pressure Regulators (2nd Stage)
- NRV1/2/3/4: Gas Outlet Non-Return Valve
- FM1/3: Sample Flowmeter/metering Valve
- FM2/4: Bypass Flowmeter/metering Valve
- A: Inlet
- B: Outlet
- C: Bypass

Specifications

- Flow rate: 0.04 to 0.4 Nms⁻¹ for each sample and by-pass (recommended settings 0.1/0.2 and 0.3/0.4 respectively)
- Pressure rating 69 barg / 1000 psig standard 138 barg / 2000 psig optional
- * Optional higher pressure rating 138 barg / 2000 psig
- ** Optional flow alarms
- Power consumption: optional heater/thermostat (outdoor versions only)
100 watts: 1-channel,
200 watts: 2-channel,
100/120 or 220/240V 50 or 60 Hz

Trace Moisture in Hydrocarbon Gas Sampling System



KEY:

- BV1/4: Sample Inlet Isolation Valve
- BV2/5: Gas Outlet Isolation Valve
- BV3/6: Gas Letdown Vent Isolation Valve
- F1/2: Sintered Stainless Steel Particulate Filter
- PG1/2: Line Pressure Gauge
- PR1/3: Gas Letdown Pressure Regulators (1st Stage)
- PR2/4: Gas Letdown Pressure Regulators (2nd Stage)
- NRV1/2: Gas Outlet Non-Return Valve
- FM1/2: Sample Flowmeter/metering Valve

Note: Flow schematics above show the 2-channel versions.

For descriptions of Promet EExd Premium Sampling Systems and order code options, refer to separate datasheet: Promet EExd Process Moisture Analyzer - Ref: PEEExd-06-06



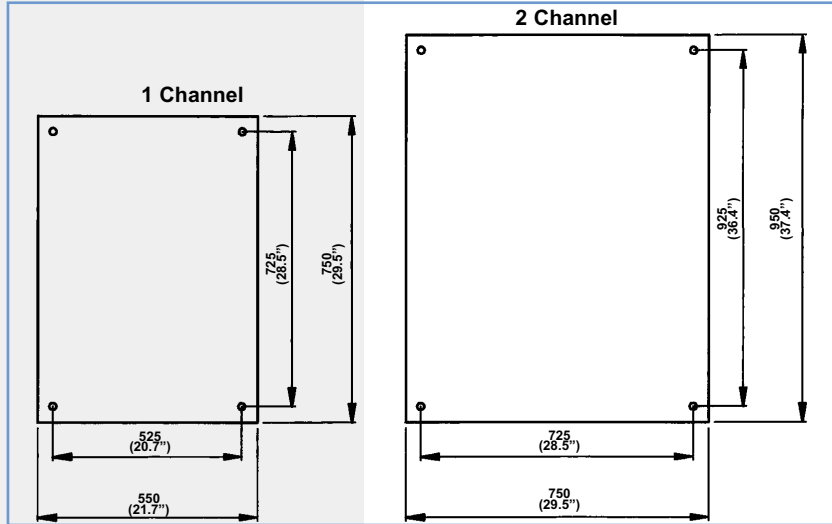
The Dew Point Specialists

Please note: Michell Instruments is continually improving its products and services. Therefore, by the time you read this datasheet, the details contained on it may have been superseded. Please call us to ensure that you have the latest version.

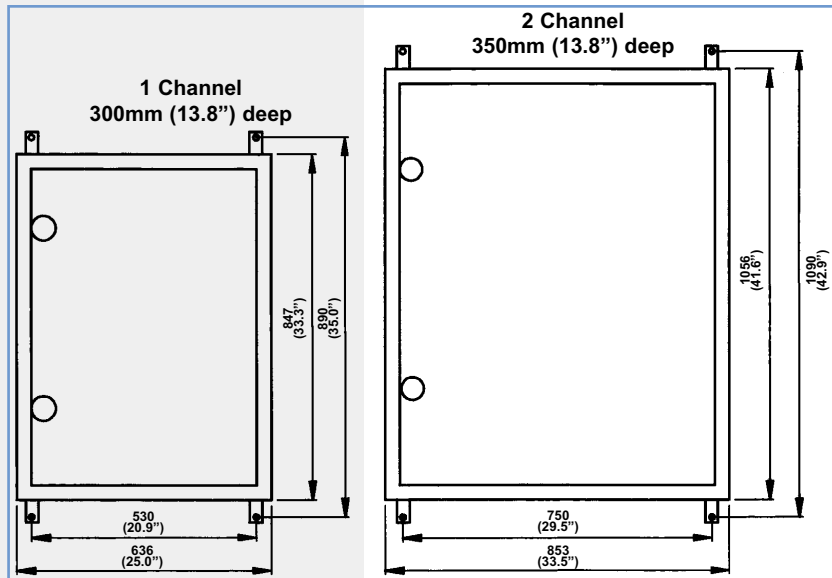
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Sampling System Dimensions

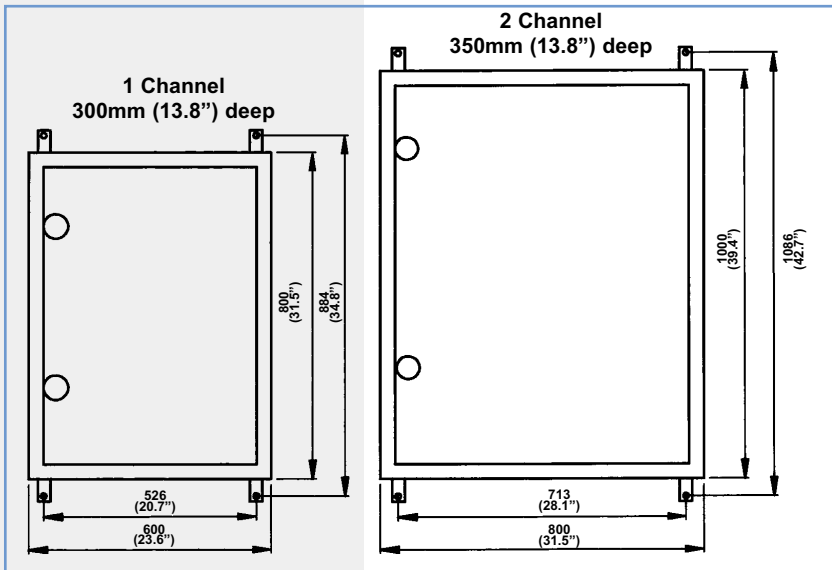
Indoor Versions Galvanized Steel Panel



Outdoor Versions GRP Enclosure, IP66/NEMA 4



Stainless Steel Enclosure 316/ENI.4401, IP66/NEMA 4



PrometEExd - Ref - PEEExdSS-0506

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