

DewPro® MMR 30

The DewPro® MMR 30 is a compact, mid-range moisture transmitter probe designed specifically for refrigeration dryer manufacturers and users. The MMR 30 measures dew point at line pressure or atmospheric pressure and installs easily on a dryer outlet header.

The MMR 30 uses a proven polymer capacitive sensor to provide a measurement range of -15°C to +85°C (+5°F to +185°F) with ±1.0°C (±1.8°F) accuracy. The instrument can be configured and controlled with a PC using DewPro Communication software. With this software, the user can set the dew point range, adjust the loop content and read the dew point.

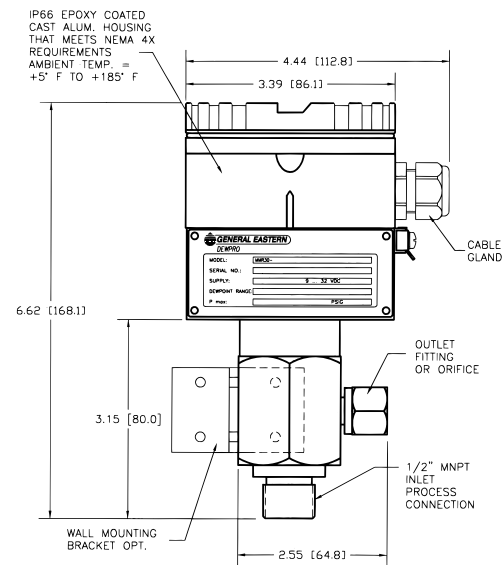


Features:

- 4 to 20 mA loop powered
- Simple two-wire connection
- Fast response times
- Trouble-free indoor or outdoor mounting
- Internal bypass system
- Eliminates sample system
- Measures at line pressure

Options:

- DewPro Communication Software
- English or Metric Fittings
- Integral display with user interface
- Power Supply
- Wall Mount Kit
- External display available with loop-power supply and alarm contacts



Ordering Information: See page 9

Specifications

Sensing Element:	Silicon-based polymer, capacitance principle, IC electronics	Wrench Width for Flow Block:	1-5/8" (42 mm)
Dew Point Range:	-15°C to +85°C (+5°F to +185°F)	Electronics:	Microprocessor controlled
Dew Point Accuracy:	±1°C (±1.8°F) for dew points above 0°C (+32°F)	Moisture Unit:	Dew point temperature in °F or °C, hardware selectable
Repeatability:	±1°C (±1.8°F)	Supply Power:	24 V DC nominal, tolerance 12 to 32 V DC
Standard Operating Temperature:	-15°C to +85°C (+5°F to +185°F)	Protection:	NEMA 4X
Maximum Operating Pressure:	250 psia (17 bar)	Weight:	4.4 lbs. (2 kg.)
Output:	Loop current 4 to 20 mA; 16 µA resolution		
Flow Block:	316 stainless steel (1.440/1.4436) with 1/2" MNPT (G 1/2 thread (DIN ISO 228)) and gasket seal		