

DumatTM ANALYTICAL ENGINEERING

MA- 101T TRACE MOISTURE ANALYZER



The MA-101T bench top transmitter is designed for Laboratory use, where the sensor is installed by the customer according to his application.

The Model MA- 101T Trace Moisture Analyzer continuously and automatically measures water vapor concentrations, up to maximum of 2000 ppm, in gaseous sample stream. The analyzer covers a wide range of applications, in monitoring many gases used in manufacturing processes. Remote control of the measuring range by potential free contacts is standard. Remote range identification is signaled by potential free contacts.

Typical Applications with the DUMAT Sensor MS-101/SS/P are all inert gas application like Air; Nitrogen; Argon; Helium; Oxygen; Carbon Dioxide; Refrigerant gases etc.

Specification

- Ranges:** 10 ppm, 100 ppm, 1,000 ppm, 2,000 ppm H₂O
- Display:** Digital, 3 1/2 digit LED
- Output:** 0 - 1Vdc, load 10kΩ min.
0/4 - 20madc, load 500Ω max.
- Reproducibility:** +/- 0,1% of FS
- Power:** 85 - 264Vac, 47 - 440Hz, 50 VA
- Ambient Temp. :** - 10°C to + 50° C
- Alarm output :** SPDT contact, adjustable over the whole range
- Standards:** General Purpose

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