

MONITOR1440

Monitor 1440 intelligently gathers and stores real-time, remote field data (e.g compressor data, end-device & engine data) enabling standard Modbus RTU protocols. In addition it also provides the ability to bring back pressure sensors, tank levels and other operating parameters to help provide the operational intelligence for your remote site.



PRODUCT SPECIFICATIONS

GENERAL SPECIFICATIONS

- Required power in a steady state: 130 mA @ 24 VDC
- Required power inrush: 30 A for 1 ms @ 24 VDC
- Primary power range: 10 - 30 VDC
- Relative humidity: 5 to 95% non-condensing
- Operating temperature: 0°C to +50°C
- Communication Protocol - Modbus RTU 9600, 8, n, 1

ANALOG INPUTS, MEDIUM RESOLUTION

- 4 input channels
- 4 - 20 mA input ranges
- Safe input voltage range between -0.5 V to +12 V
- Input impedance (clamped @ -0.5 VDC to 12 VDC) - Current mode: 100 Ω
- 10 bit nominal resolution
- 35 mA maximum over-current • Maximum error at 25°C (excluding zero) - 4-20 mA at 1.00%
- 160 HZ hash noise filter 1-128 scan digital running average filter

CERTIFICATIONS/COMPLIANCE

- CE - 2017072-E180220
- 7/20/17
- UL:
- ATEX Directive
- 2014/34/EU
- EMC Electromagnetic Compatibility
- 2014/30/EU

PHYSICAL

- 3.8 x 3.8 in. (96 x 96 mm)
- 12 oz (340 g)

PROGRAMMING

- Reporting (configured over the air): - Configurable time-of-day based schedule - Configurable interval-based schedule - 3 minutes up to once every 3 days - By exception; user definable test conditions
- Modbus-RTU: - 16 configurable commands - Data reportable by schedule, interval, threshold test, any change, or pattern match

WARRANTY

- 3 year standard limited warranty

CONTACT DETAILS

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