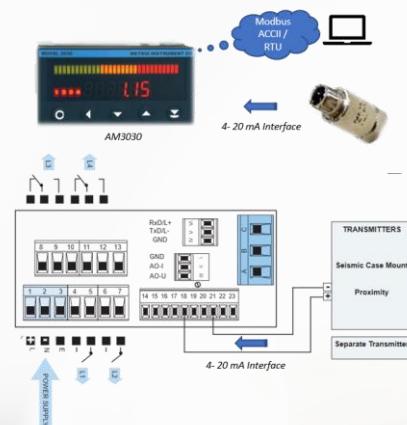


## Single channel AM3030



### Product description

Reliable machine monitoring requires information regarding early warning, alarm status as well as local display of measured values and remote connectivity.

The Model AM3030 Alarm Monitor is a three-color bargraph display with numeric readout. It provides transmitter excitation and up to 4 programmable trip points in a neat 1/8 DIN housing. This alarm monitor complements the Metrix line of vibration transmitters by combining excitation, display and protection in a single compact enclosure.

Analog and serial feedback is available. The AM3030 accepts 4...20 mA current inputs. It is configured using the 5 buttons on the front panel. The green, yellow and red LED bargraph display can be configured as a dot or bar graph display and can be programmed for single or tri-color display with change on alarm or change by zone.

### Applications

- Motors
- Drives
- Generators
- Turbines
- Large pumps
- Compressors

### Benefits

- Compact single-channel monitor for centralized and decentralized monitoring of machines and plants with up to 4 alarm outputs

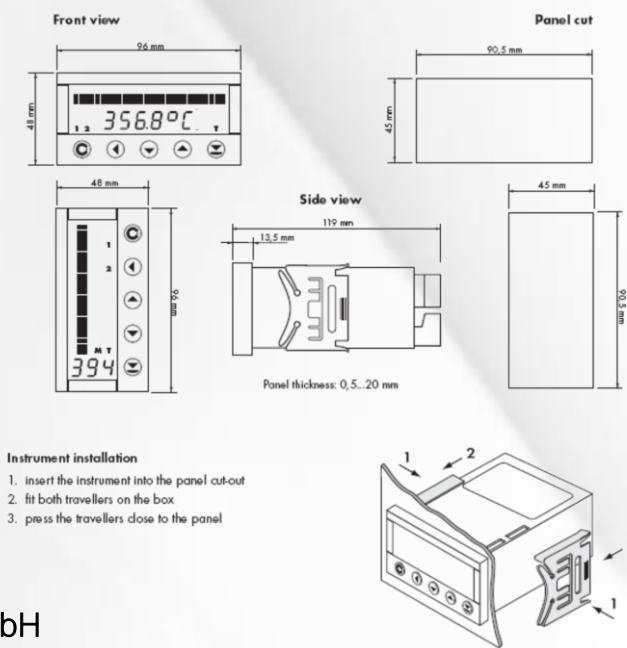
Features

- 4...20 mA monitor for centralized or decentralized monitoring (e.g. Metrix transmitter)
- analog and Modbus outputs for central monitoring
- max. 4 adjustable switching thresholds with relay outputs
- Highly visible LED color display for numerical measured value, bar graph display, as well as alarms
- Versions in 24VDC or 230VAC.
- Easy cabinet mounting (1/8 DIN rail)

Technical data

Characteristic	Technical values
Input	4- 20mA
Display	6 digit LED, farb
Accuracy	(for the measuring range) 0,05 %
Supply	10 ...30 VDC, 230 VAC
Relais	4 SPDT (4A)
Switching time	< 30 ms
Analog output	(programmable) 1 x
Data output	(optional) RS485
Bus interface	Modbus ASCII or RTU
Temperature range (operation)	0°C....+60°C
Protection class	(advertisement, front) NEMA 4
Weight	1.0 kg

Drawing



Control cabinet for AM3030(for 2 units, optionally available)

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