



**The new AM3 multi-controller can display values, monitor processes, log data and control systems.**

**This versatile instrument processes 4-20 mA signals from a wide variety of signal sources, e.g. pressure transmitters, temperature or level sensors, and can simultaneously monitor various systems.**

## Benefits

- ideal for front panel mounting due to its small size
- analog inputs and outputs enable communication with external systems
- integrated event-logger
- built-in alarm functions
  - manage up to eight alarms
  - acknowledged directly via the touch display
- also for use as a device for monitoring external control systems
- easy-to-read TFT display, which activates automatically when approached
- device parameters (e.g. alarm limit values) can be easily set using capacitive keys
- graphic menu navigation is clear and intuitive
- data transfer via USB type B port
- different international units (Bar, PSI, kPa and till 10 Bar in mBar possible) can be selected

## Options

- data cable
- software GASCONTROL CENTER for analysis of data (see separate data sheet)

**Other models, options and accessories available upon request.**

## MULTI-CONTROLLER AM3



<b>Type</b>	AM3
<b>Installation</b>	for front panel mounting, in separate housing (option)
<b>Temperature</b>	-10 °C – +50 °C / +14 °F – +122 °F (operation) -20 °C – +60 °C / -4 °F – +140 °F (storage)
<b>Input signal</b>	5 x 4 till 20 mA
<b>Output signal</b>	5 x 4 till 20 mA mirrored to inlet
<b>Load of potential-free contact</b>	250 V AC 5A or 24 V DC 2 A
<b>Alarm signals</b>	<ul style="list-style-type: none"><li>- 1 relay 230 V SSR (solid state relay) or 24 V SSR for frequent switching cycles and long lifetime</li><li>- 2 potential-free changeover relays for switching external units in case of alarm limits and fault</li></ul>
<b>Interfaces</b>	USB type B port
<b>Function keys</b>	acknowledgement of alarm by resistive display setting by 4 capacitive keys
<b>Display</b>	<ul style="list-style-type: none"><li>- TFT display for setting parameters and alarm 1-8</li><li>- additional digital view of menu items</li><li>- 4 bicolored LEDs for operating status, system fault, alarms 1-8</li></ul>
<b>Languages</b>	German, English (more to follow)
<b>Housing</b>	plastic, IP 50
<b>Weight</b>	195 g
<b>Dimensions (HxWxD)</b>	approx. 72 x 72 x 99 mm (2.83 x 2.83 x 3.90 inches) (without connections)
<b>Voltage</b>	230 V AC, 110 V AC or 24 V DC
<b>Approvals</b>	Company certified according to ISO 9001 CE-marked according to: <ul style="list-style-type: none"><li>- EMC 2014/30/EU</li><li>- Low Voltage Directive 2014/35/EU</li></ul>