



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



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