

## Monitoring and diagnostic systems

### PumpMeter Intelligent pressure transmitter



No. of pumps	max. 1
Type	see pump type series
Installation	factory-mounted, IP65
Voltage	24 V DC

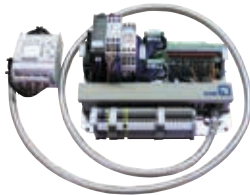
**Design:** The PumpMeter device is an intelligent pressure transmitter for pumps, with on-site display of measured values and operating data. The device consists of two pressure sensors and a display unit. It records the load profile of the pump in order to indicate any potential for optimising energy efficiency and availability.

**Applications:** For monitoring the operation of a centrifugal pump.



Reference no. 4072.5

### Amacontrol Monitoring system for submersible waste water pumps



No. of pumps	max. 1
Type	Amacan
Installation	mounting plate IP20
Voltage	230 V AC

**Design:** Monitoring system for submersible waste water pumps with shutdown.

Reference no. 2316.5

## Control system

### BOA-Systronic®



No. of pumps	max. 1
PN	6 / 10 / 16
DN	20 - 200
Voltage [V]	24 VAC
T [°C]	+20 to +120

Higher values available upon request

**Design:** Energy-saving system for the coordinated operation of pump and control valve. The system provides an all-in solution designed to access untapped hydraulic savings potential. Irrespective of the pump technology used, it allows savings of 50 % in pump electricity while also reducing primary energy costs thanks to lower return flow temperatures. The system can be combined with all control systems and pumps with a 0-10 V control input. Straightforward integration in automation systems with optional BACnet gateway.

**Applications:** Supply temperature control in HVAC installations with volume flow rates of 0.5 to 185 m<sup>3</sup>/h and temperature differentials of 3 to 30 °K. Threaded (DN20) or flanged (DN25-DN200) line connections; suitable for upgrading installed systems and for new systems, for connection to all types of heat generators (boiler or district heating), all main feed manifolds, all control systems, all supply temperatures.



Reference no. 7540.1