

#### **BasicLogo**



PCB control units for level control of one or two d.o.l. or Y-delta starting pumps.

- Separate level controls
- BasicLogo AD/BD control units with selectable level contact switches
- BasicLogo AD/BD control units with integrated static air level control (for pressure drainage systems)
- BasicLogo AD/BD modular control units with selectable level contact switches

#### **EasyLogo**



Microprocessor control units for level control of one or more d.o.l. or Y-delta starting pumps.

Comfortable and easy operation via a plain text display. Extensive standard equipment package.

- EasyLogo AD/BD MP control units with integrated level monitoring (for pressure drainage systems)
- EasyLogo AD/BD MP modular control units with selectable level contact switches

### **HighLogo**



Extension of the EasyLogo control units with modules for telecommunication and remote control engineering from the pumping station to the control center or to a mobile device (SMS to mobile phone)

- HighControl Lite programming software
- HighControl control center software
- Modem card for landline or GSM
- Application form for the connection of the control units to the control centers of other suppliers.

# Level contact sensor



Various level controls for the combination with BasicLogo and EasyLogo controls for all applications

- Ball contact switch (pack) and Ex-Auxiliary switching device
- Static air level control
- Air diaphragm control unit
- Hydrostatic level control using a pressure transducer

## **Alarm systems and accessories**





Various accessories for pumps and lifting stations as well as for complete control units in casings for outdoor installation.

- Alarm system
- Alarm system for washing machines
- Protective motor plug
- Switching device for trial run
- Seal leak control units
- Mains failure sensor
- Casing for outdoor installation
- Signal transmitter a. installation material

# **Control units - Type designation**

## Separate level control for one pump

Example: Ν Ε ΑН 2

1	2	3	4

1 Type of control unit	N	Separate level control for one pump
2 Operational voltage	Е	AC (alternating current)
	D	3-phase current
3 Level control	1	Submersible ball contact switch with 3 m cable
	2	Submersible ball contact switch with 9.5 m cable
4 Version	Α	Alarm system
	Н	For hot water operation

#### Control units for one or two pumps

Example: Α 46 MP SM 1 5

2	3	4	

1 Type of control unit	А	Single unit
	В	Duplex unit
2 Starting mode	D	d.o.l. starting
	S	Y-delta starting
3 Activating range	46	e.g. approx. 4-6 Ampere
4 Version	E	for alternating current pump(s)
	Ex	for pump(s) with explosion protection
	EC	for alternating current pump with external operating capacitor
	MP	Microprocessor control unit
5 Level contact sensor	HD	Hydrostatic pressure transducer
	КТ	Submersible ball contact switch
	LM	Air diaphragm control unit
	М	2 Diaphragm pressure switches
	ME	2 Diaphragm pressure switches for alternating current pumps.
	SM	Sensor + Diaphragm pressure switch