

LevelControl Basic 2 – Level Control Unit



Applications:

- Drainage
- Tank drainage
- Water extraction/Tank filling
- Disposal

More information:

www.ksb.com/products



LevelControl Basic 2 with
a plastic housing

LevelControl Basic 2 – Level Control Unit

1 Fast, easy, efficient

- Easy to understand, install and operate
- Ample connection space allows straightforward connection of pumps and sensors
- Factory-set parameters for swift commissioning
- Ideal for combination with KSB pumps

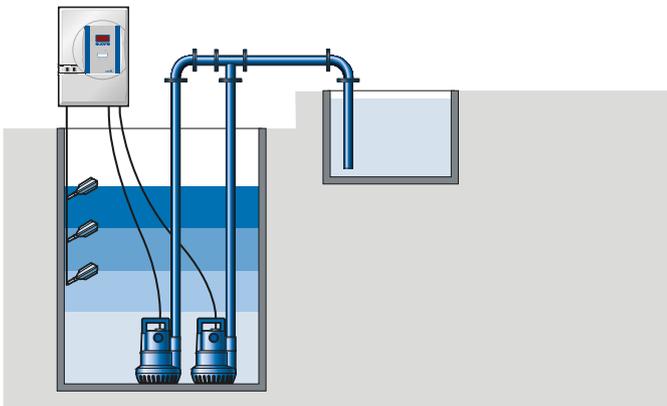
2 Reliable operation based on comprehensive information

- Display indicates major parameters
- Display of measured values such as water level, operating hours, mains voltage, starts per pump, etc.
- Operation and fault indication per pump

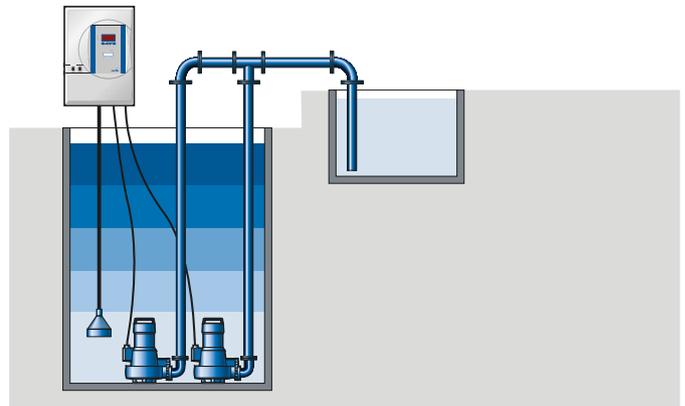
3 Comprehensive functionality makes for high system availability

- Overcurrent and short-circuit protection by miniature circuit breakers (230 V model) or motor protection switches (400 V model)
- High water alert
- Monitoring of the pumping station (voltage and phases, dry running, moisture)
- System redundancy by control of stand-by pump
- Optional activation of functional check run after idle period
- Rechargeable battery retrofit kit for powering electronics, sensors and alarm equipment, e.g. horn

4 A multitude of accessories and options



Level detection via float switches



Pneumatic measurement/bubbler system with pressure bell

Variants

BC	- Plastic housing - Direct starting
BS	- Sheet steel housing - Direct or star/delta starting

Pumps available with LevelControl Basic 2

AmaDrainer, AmaDrainer Box
Amarex / Amarex KRT, AmaDrainer 3
AmaPorter, AmaPorter S
CK Pump Station
Etaline
Sewabloc, MK
Sewatec, Evamatic Box
MiniCompacta / Compacta (for 2 pumps)

Technical data

Number of pumps	1 or 2
Direct starting	Up to 4 kW
Star/delta	Up to 30 kW, higher ratings on request
Ambient temperature	-10 up to +50 °C, (down to -30 °C possible)
Mains voltage	230 V / 400 V
Mains frequency	50 Hz / 60 Hz
Controlled variable	Level
Enclosure	IP 54
Sensors	Float switches, digital level switches, pneumatic system, bubbler system, 4...20 mA sensor input
Explosion protection	ATEX-compliant and non-ATEX-compliant version available, for controlling pumps inside (zones 1 and 2) or outside potentially explosive atmospheres, respectively.



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