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## Data sheet

### Technical data

Mains connection	1~230 V, 50/60 Hz
Min. rated current $I$	2 A
Max. rated current per pump $I$	10 A
Protection class	IP65
Inlet connection	G 1
Outlet connection	G 1

### Materials

Material, housing	PA6
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## Tender text

Electronic control and regulation accessories. The Wilo HiControl 1 series is used for borehole pumps to enable automatic operation. Wilo-HiControl 1 protects the pump against operation with low volume flow. Thanks to a volume flow sensor and pressure sensor, Wilo-HiControl 1 automates the pump between two values, the start-up pressure and the shut-down volume flow. If the pressure in the network is lower than the start-up pressure, Wilo-HiControl 1 starts the pump. The pump continues to operate until the volume flow falls below the value of the shut-off volume flow.

The interior small container prevents water hammering and cycling.

The Wilo-HiControl 1-EK version with electric cable and built-in socket reduces the time required for installation through direct connection to the pump and to the current.

Wilo-HiControl 1 can be mounted on surface pumps or connected to submersible pumps for domestic water supply.

## Special features

- Simple installation
- Especially compact design makes it suitable for many types of installation locations
- High operational reliability due to electronic fault signal
- Protection of the connected pumps due to built-in protection against low water levels
- Simple operation due to clear operating state display
- No additional diaphragm pressure vessel required
- Perfect corrosion protection, due to rust-free materials
- Wired ready-to-plug for fastest installation.

Inline version with input and output in vertical axis and uniform thread connections, suitable for direct connection to the pump housing or wall surface installation with a wall bracket (accessories).

## Note

The HiControl 1 may be installed only in vertical position with the output at the top.

## Scope of delivery

- HiControl 1 EK
- Including 1.5 m connection cable with EK adapter plug
- Cable tie for quick and secure installation of ready-to-plug pump units

## Technical data

Phases	1
Rated voltage <i>U</i>	220/230/240 V
Mains frequency <i>f</i>	50 Hz
Min. rated current <i>I</i>	2 A
Max. rated current per pump <i>I</i>	10 A
Protection class	IP65
Max. fluid temperature	50 °C
Max. ambient temperature	50 °C
Max. volume flow <i>Q</i>	8 m <sup>3</sup> /h
Inlet connection	G 1
Outlet connection	G 1
Material, housing	PA6
Net weight, approx.	1.3 kg
Make	Wilo

## Technical data

Item no.	4190895
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