EtaLine Pro –
More Compact, Flexible and Efficient

Flexible
- Small number of pump sizes covers a broad pump selection chart
- Compact design as the hydraulic systems are designed for high speeds
- Multi-voltage capability for worldwide use

Future-proof
- Components optimised for high energy efficiency
- Exceeds tomorrow's EU efficiency requirements already today

Intelligent
- Various digital interfaces for intelligent buildings
- Sophisticated pump functions (speed control, e.g. Dynamic Control, parameterised at factory)

Easy to operate
- Easy operation via app
- Well-structured display
- Pump functions preset for safe and reliable operation

Service-friendly
- Perfectly corrosion-protected by cathodic E-coating
- Fast availability of spare parts
- Reduced variety of components if spare parts are required
- Standardised mechanical seal

Sustainable
- CO_2-neutral production
- Recyclable packaging
- Long service life avoids waste
- Intelligent control modes avoid unnecessary energy consumption
- Service-friendly

One QR code for all your KSB contacts.

Simply scan the QR code and find your regional contact.

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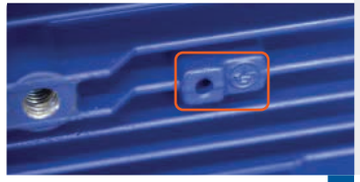
KSB

EtaLine Pro –
Quick Guide

Quick Guide (EN) –
Easy commissioning of EtaLine Pro

CAUTION

The Quick Guide is not a substitute for the operating manual of the pump unit! Please carefully read the contents of the operating manual, especially the safety-relevant sections, before starting to work with the pump unit.



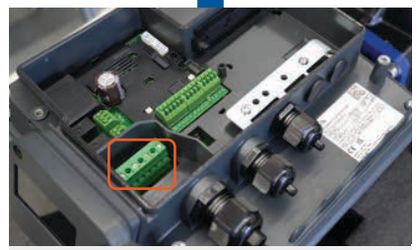
STARTING POINT:

Mechanical installation at site within piping is completely done, the pump is prepared and the potential equalization conductor is connected.

STEP 1:
Remove housing cover.

CAUTION

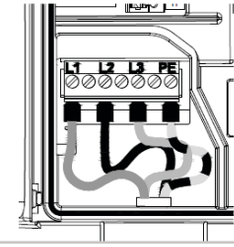
Only in **voltage-free condition** of mains lines and equipment.



STEP 2:
Connect to the mains line.

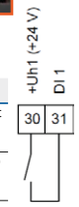
CAUTION

Electrical work on the pump unit is only allowed to be carried out by **qualified and skilled technicians**.

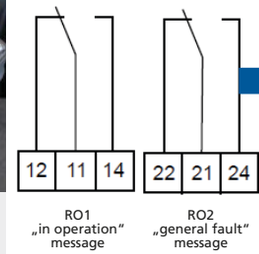


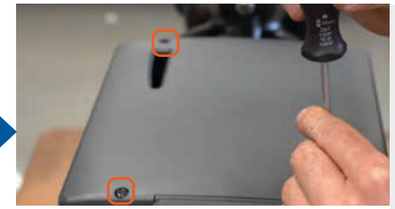
STEP 3:
Connect DIGIN 1 (Start/Stop).

Contact	Effect
Contact closed / terminals 30 and 31 bridged	Pump start
Contact open / terminals 30 and 31 not bridged	Pump stop



STEP 4:
Connect Relay outputs (RO1/RO2).



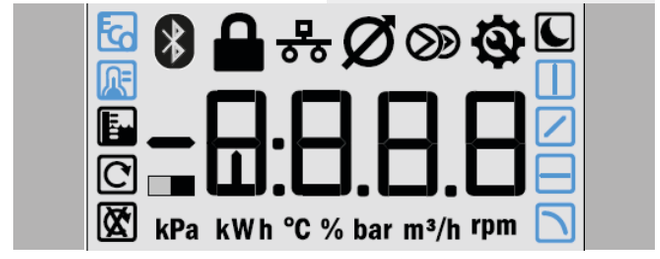


STEP 5:
Attach housing cover.

STEP 6:
- Switch on mains power supply.
- LCD test is being performed.
- Indication of FW version and pump size in the display.
- The pump is ready and in off-state.

STEP 7:
- Activate setting mode
  - Press OK-Button for 3 sec.
  - The symbol with active operating mode lights up.
  - Move finger in (+) or (-) direction and select the desired **operating mode**.
- Set process setpoint
  - Move finger in (+) or (-) direction to increase or decrease the setpoint.
  - Press OK-Button to acknowledge setpoint.
  - The pump unit starts to run.

Selectable operating modes



- Constant speed (Boost)
- Constant pressure control (Δp-c)
- Proportional pressure control (Δp-v)
- Constant flow rate (Q)
- Dynamic Control
- Temperature control

Note: Alternatively **all settings and advanced functions** of the pump can be configured via the **KSB FlowManager App**.
To do this the pump needs to be set to „Active pairing mode".

- Press the OK-Button for 6 sec.. As soon as the Bluetooth symbol flashes in the display of the pump, confirm again with OK-Button. Next you can connect the smartphone or tablet to the pump via the App.
- Start the App, then click on the button „Device Configuration" and select the EtaLine Pro from the device list.