TDE Instruments

Digalox® DPM72 AVP / PP
Application example
Pump control

Tank
Liter

2000
1500
1000
500
0

1800

Digalox

Relais

Pump

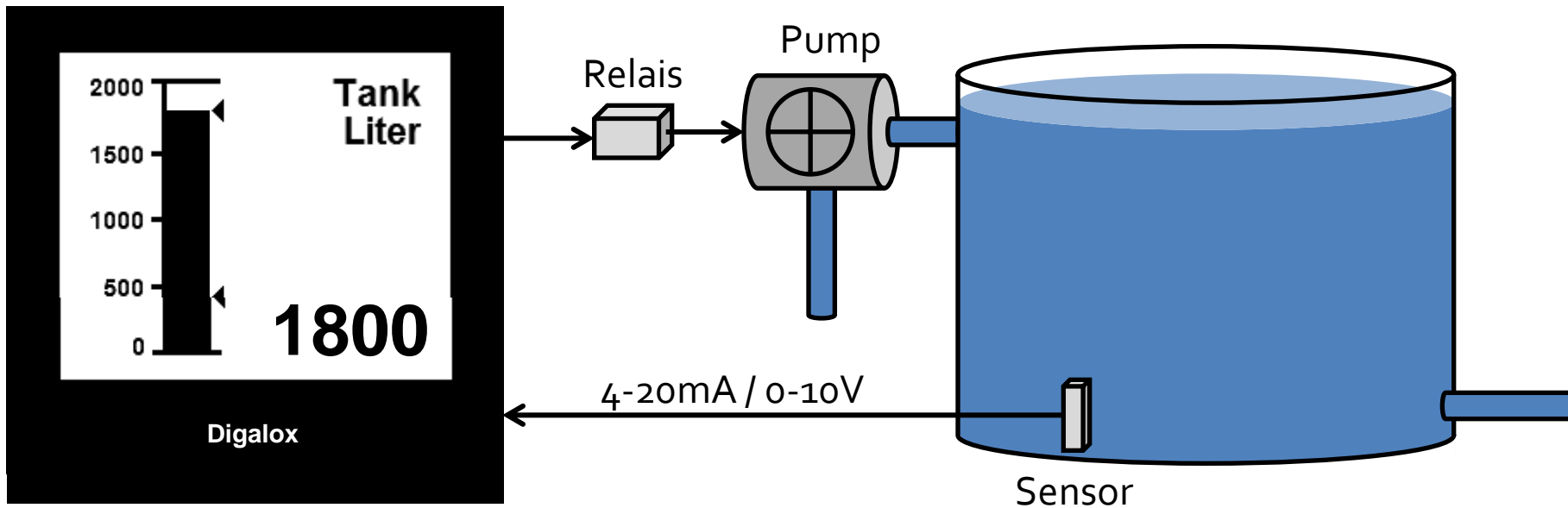Sensor

4-20mA / 0-10V
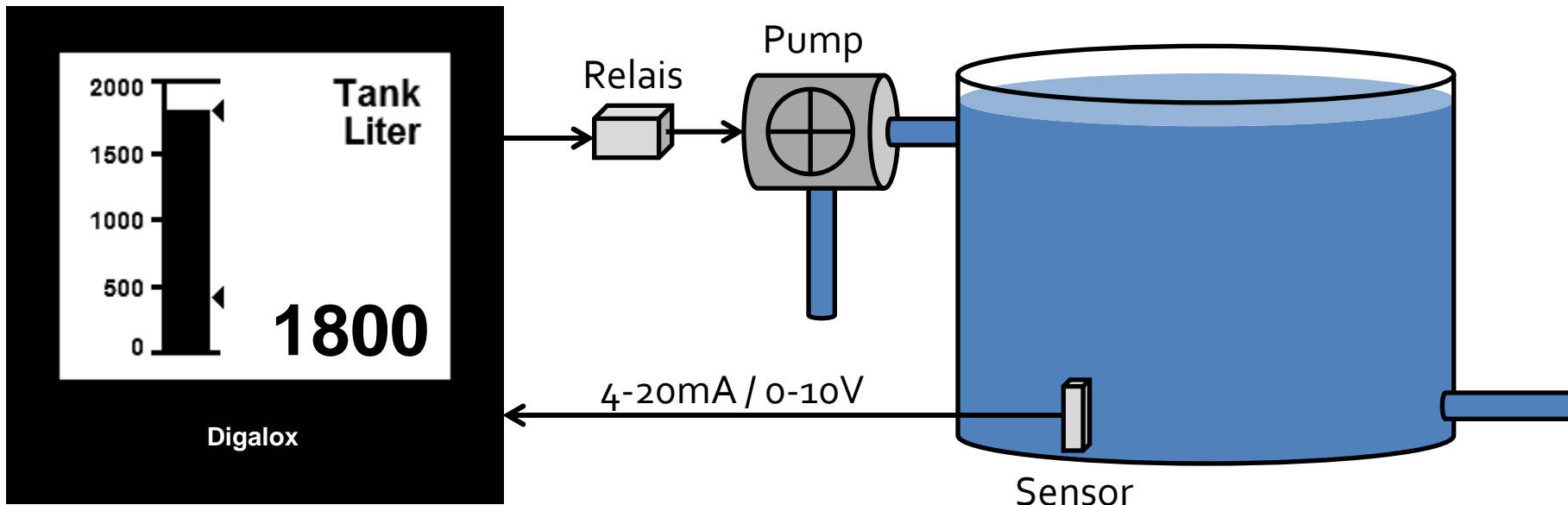
Application example pump control

- Display of a liquid tank's level

- Activation of a pump when going beneath a certain level

- Deactivation of the pump when going above a certain level
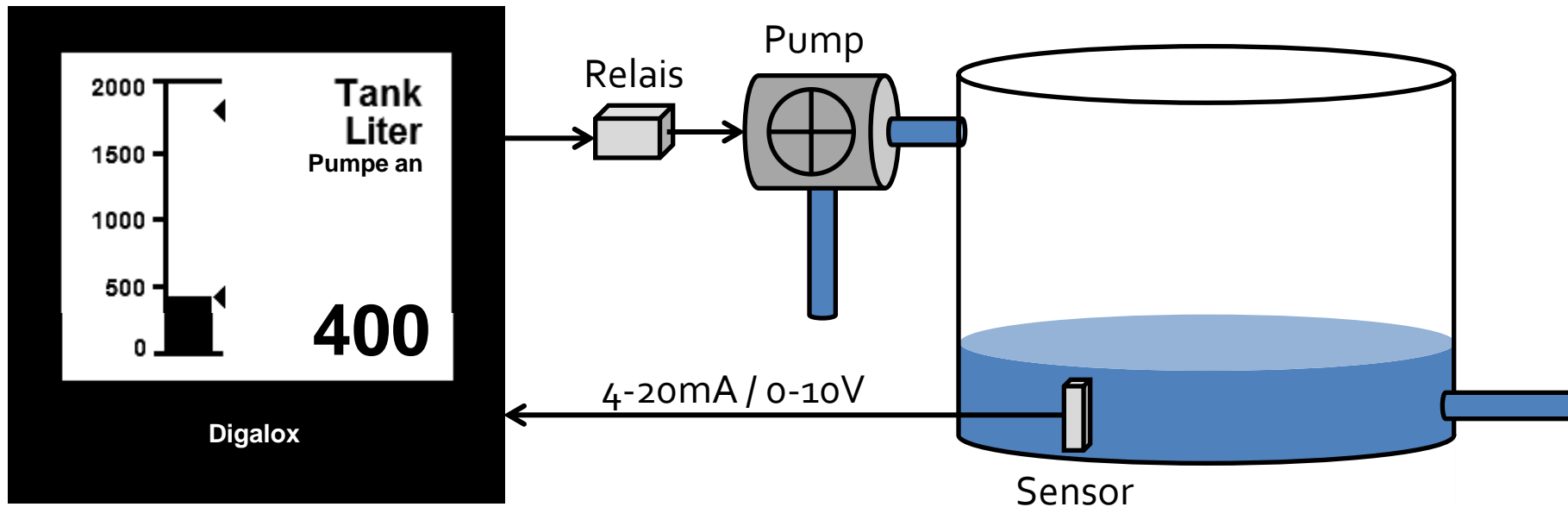
Application example pump control
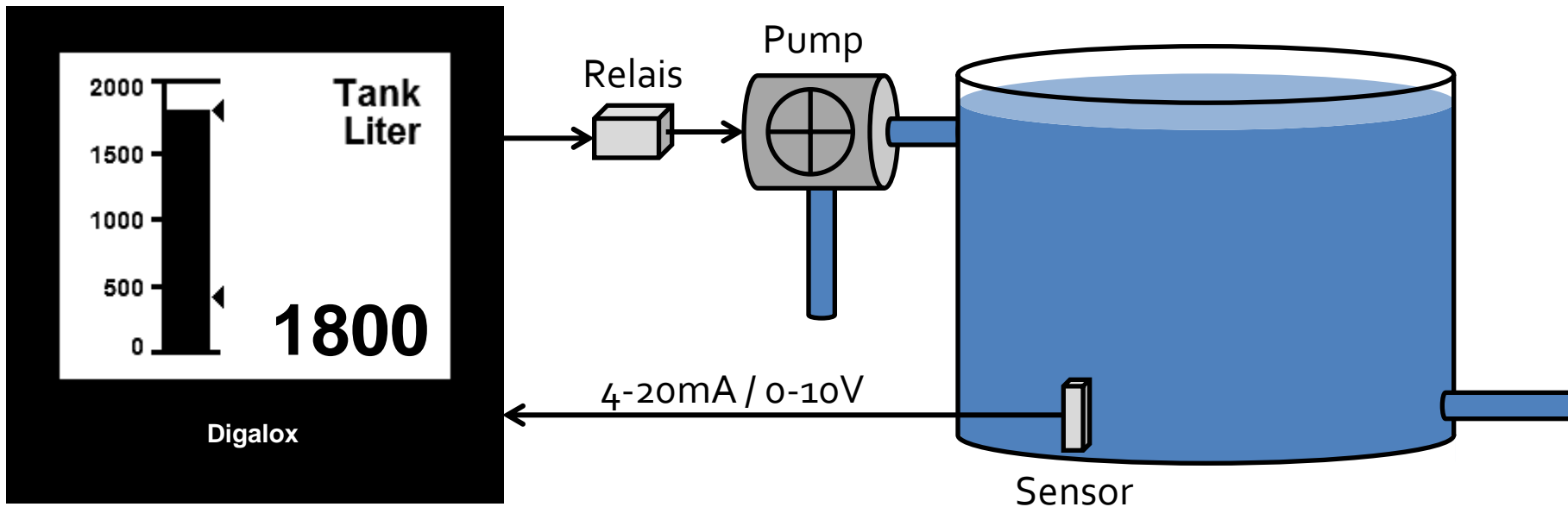
- Measurement of the level via an analog sensor
- Display as bargraph

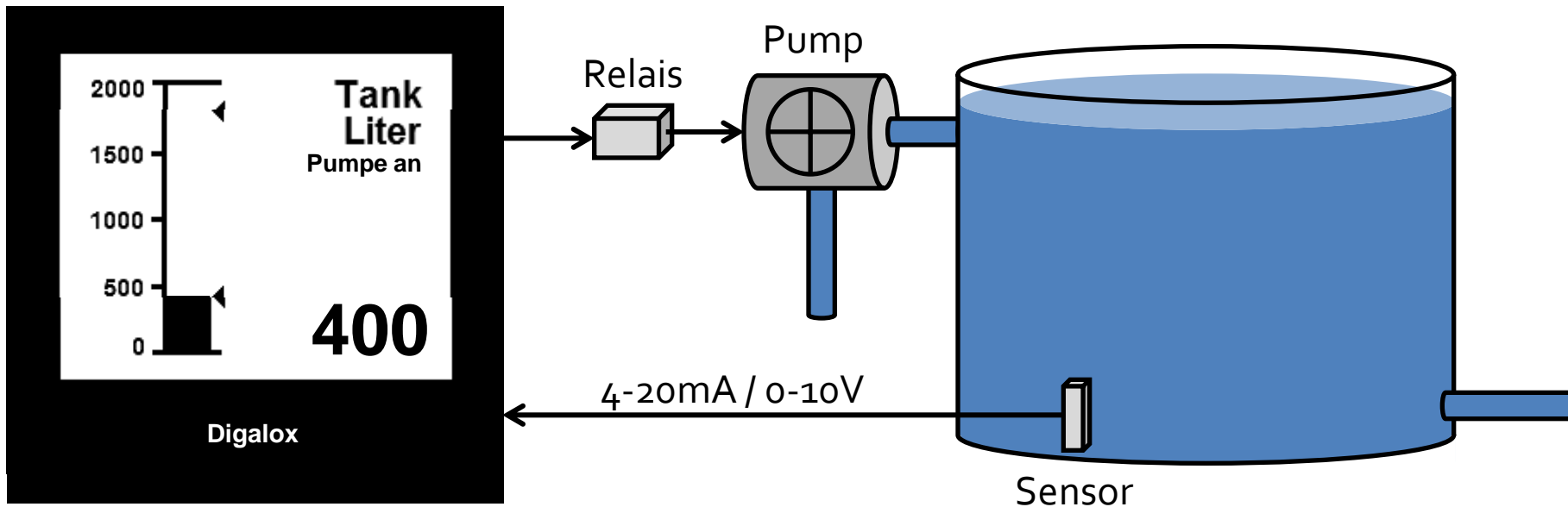# Application example pump control

- Measurement of the level via an analog sensor

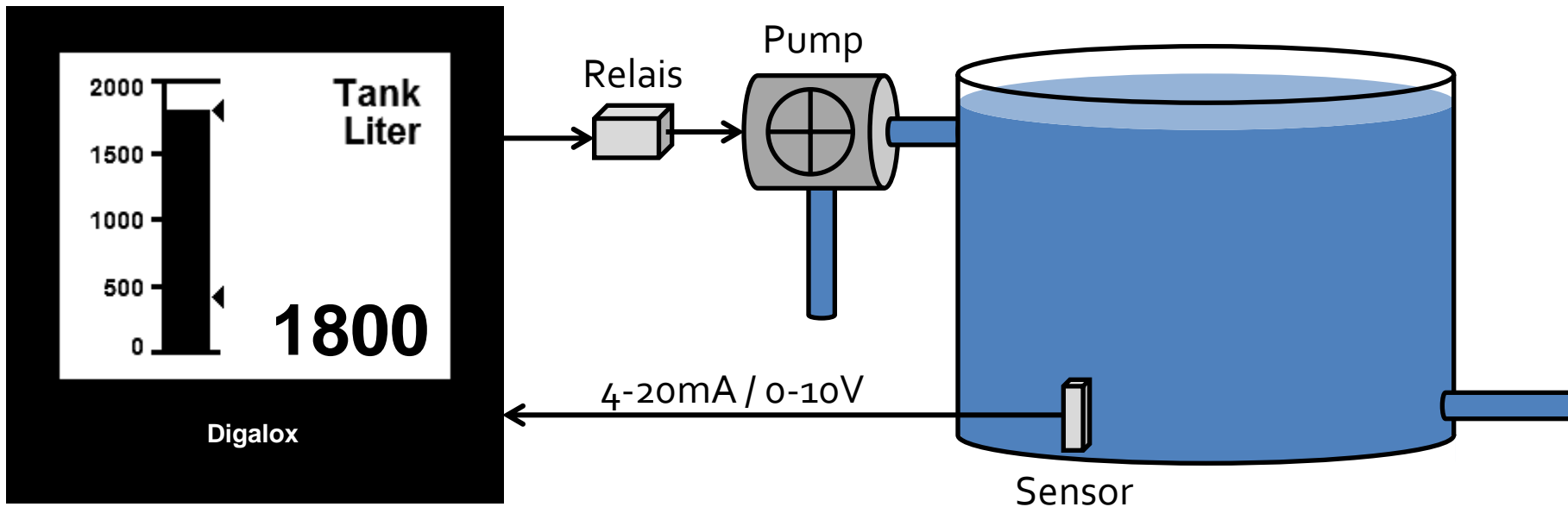# Application example pump control

- When reaching a minimum level, output is activated
- Relais starts the pump
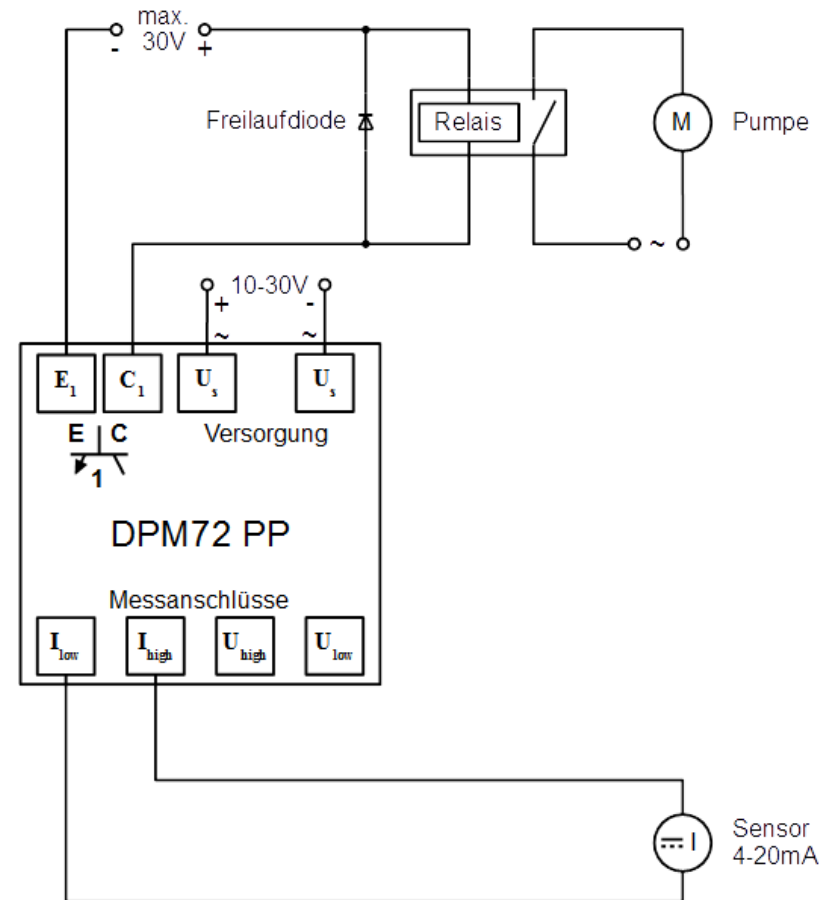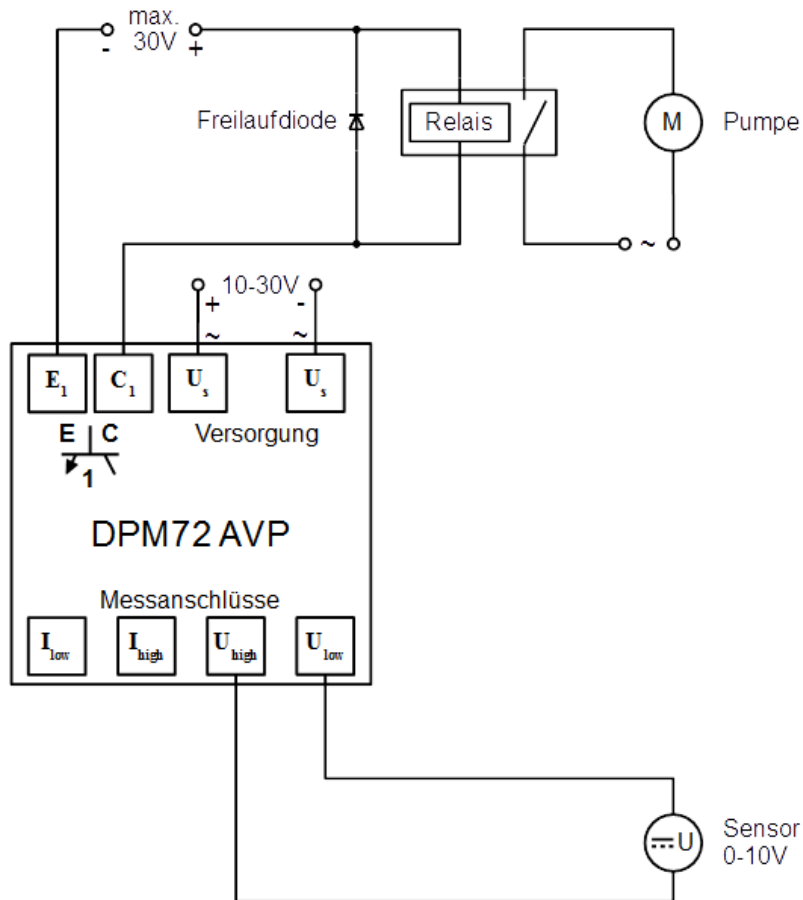
Application example pump control

- Pump fills the tank
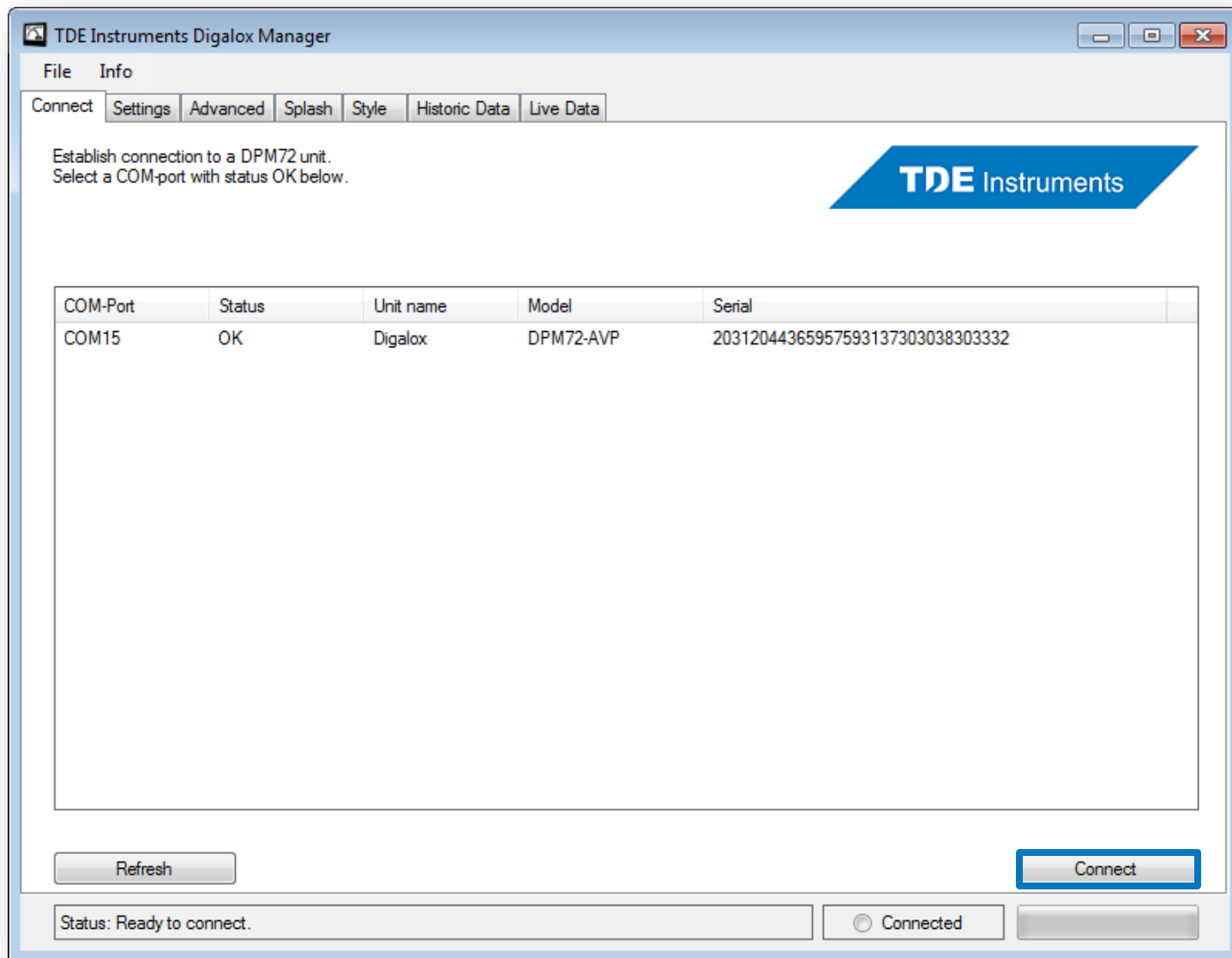- Measurement of the level via an analog sensor

Application example pump control

Tank Liter

2000
1500
1000
500
0

1800

Digalox

Relais

Pump

4-20mA / 0-10V

Sensor

- When reaching a certain level, output is deactivated
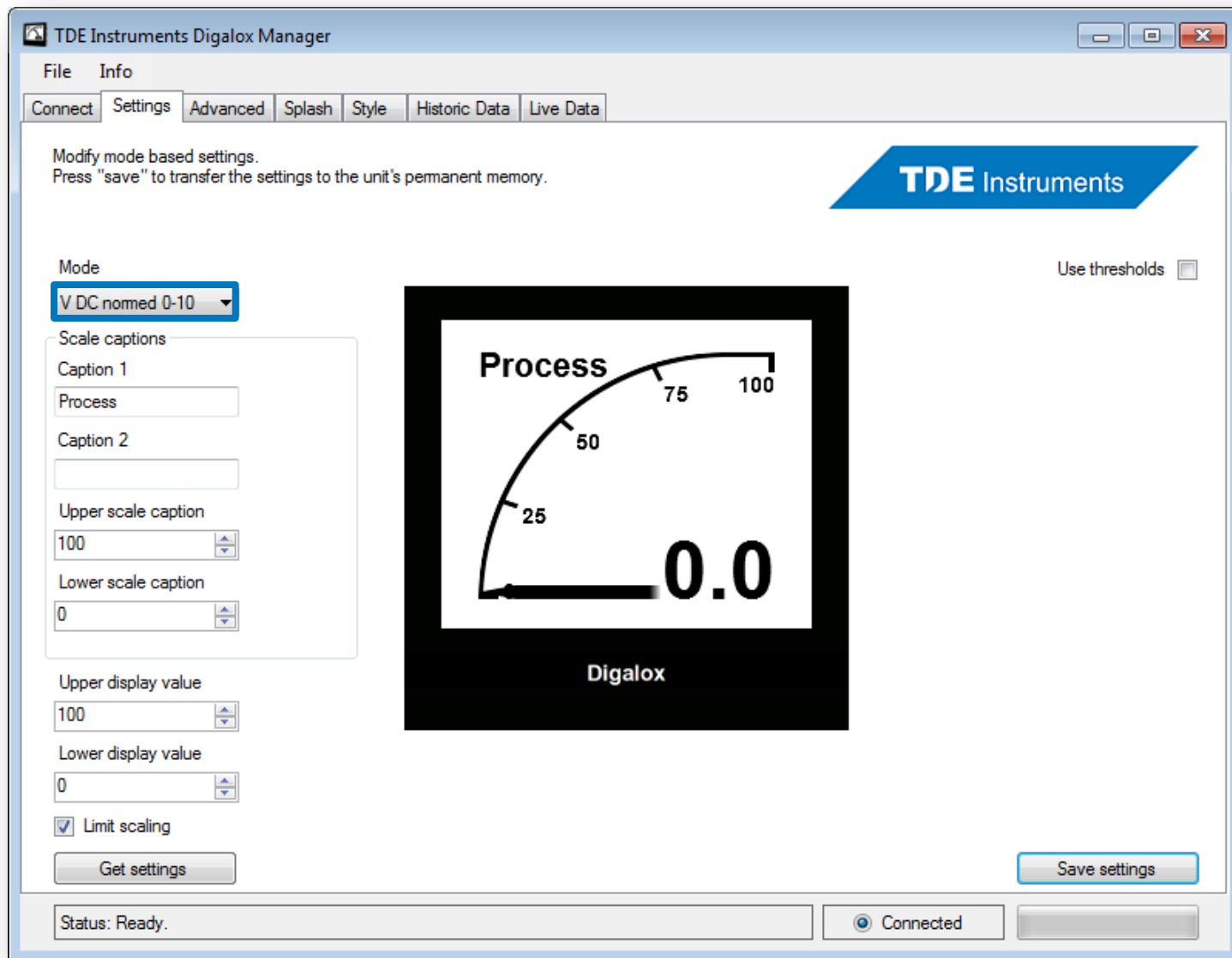- Relais stops the pump
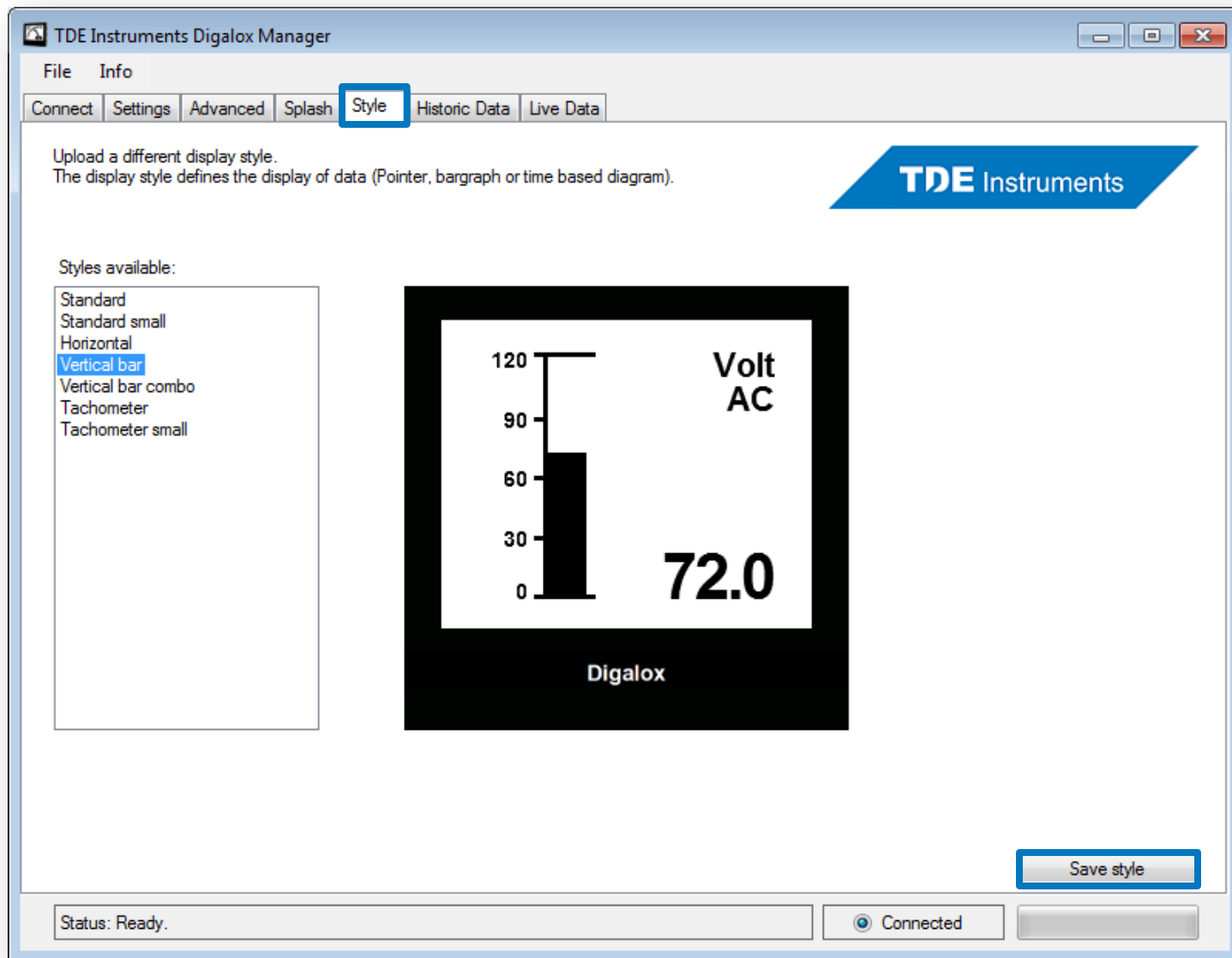
Connection of the unit

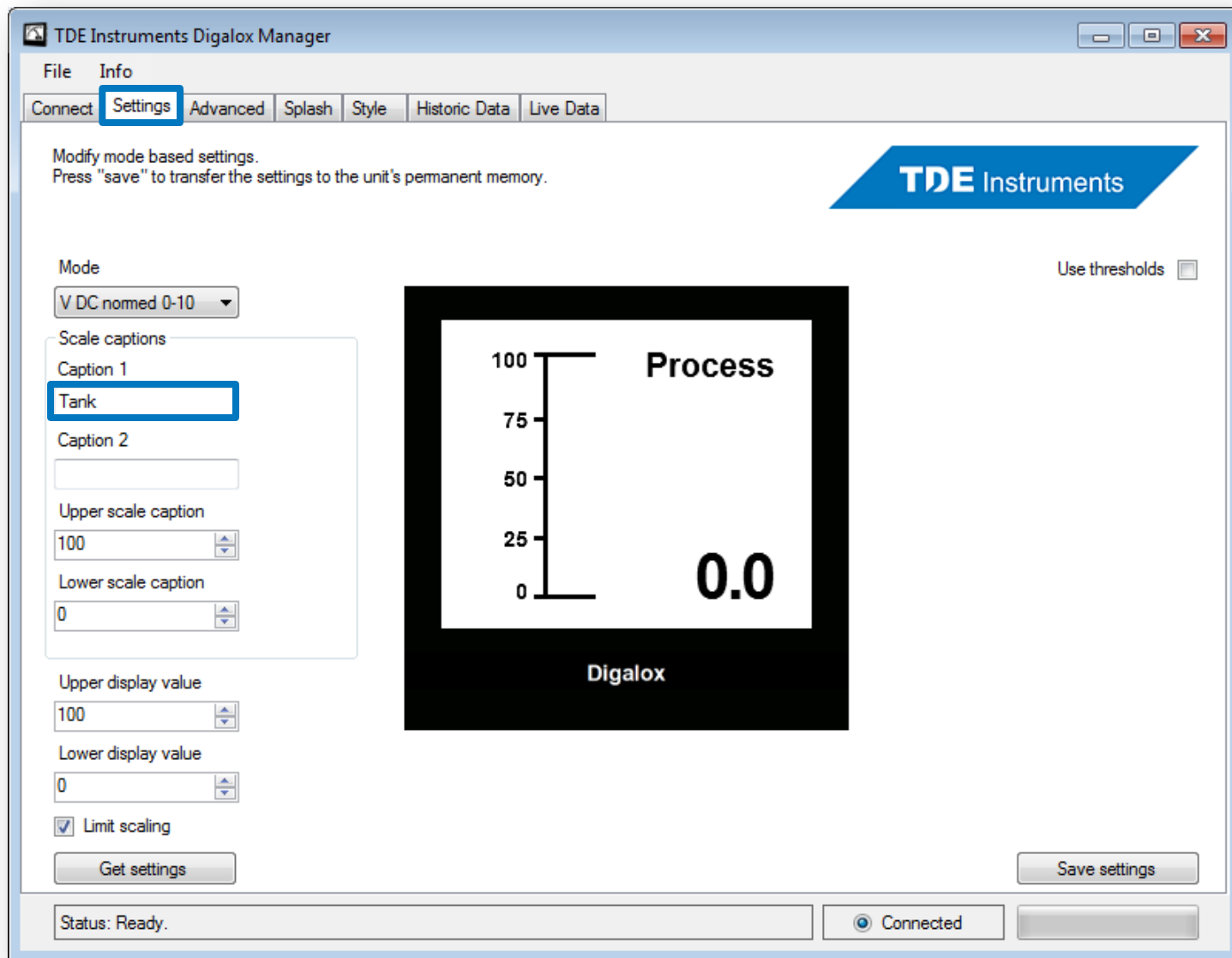# Configuration of the unit using Digalox-Manager

- Start Digalox Manager
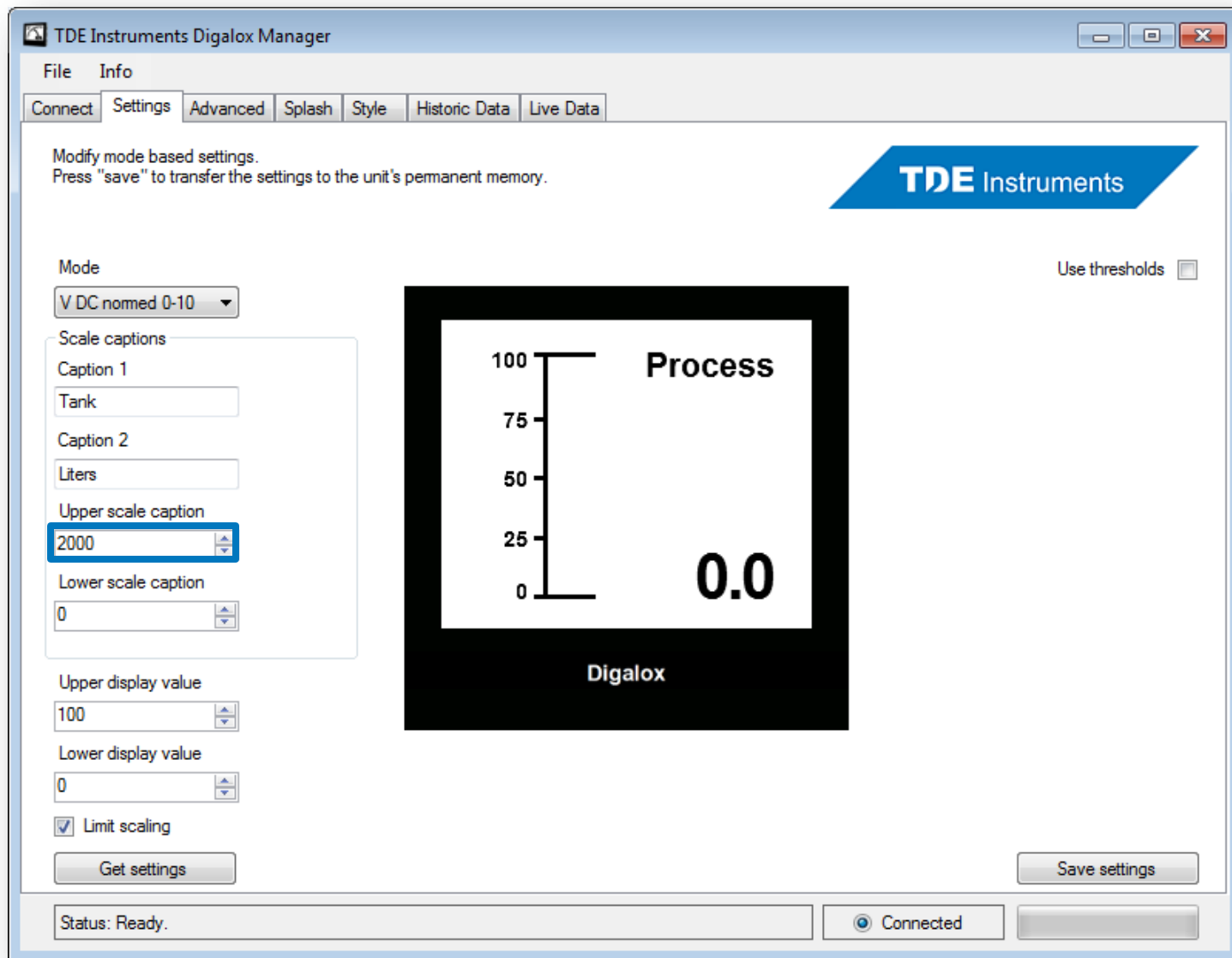
- Connect

- Choose measurement mode 0-10V normed

- Choose display style „Vertical bar"

- Save display style

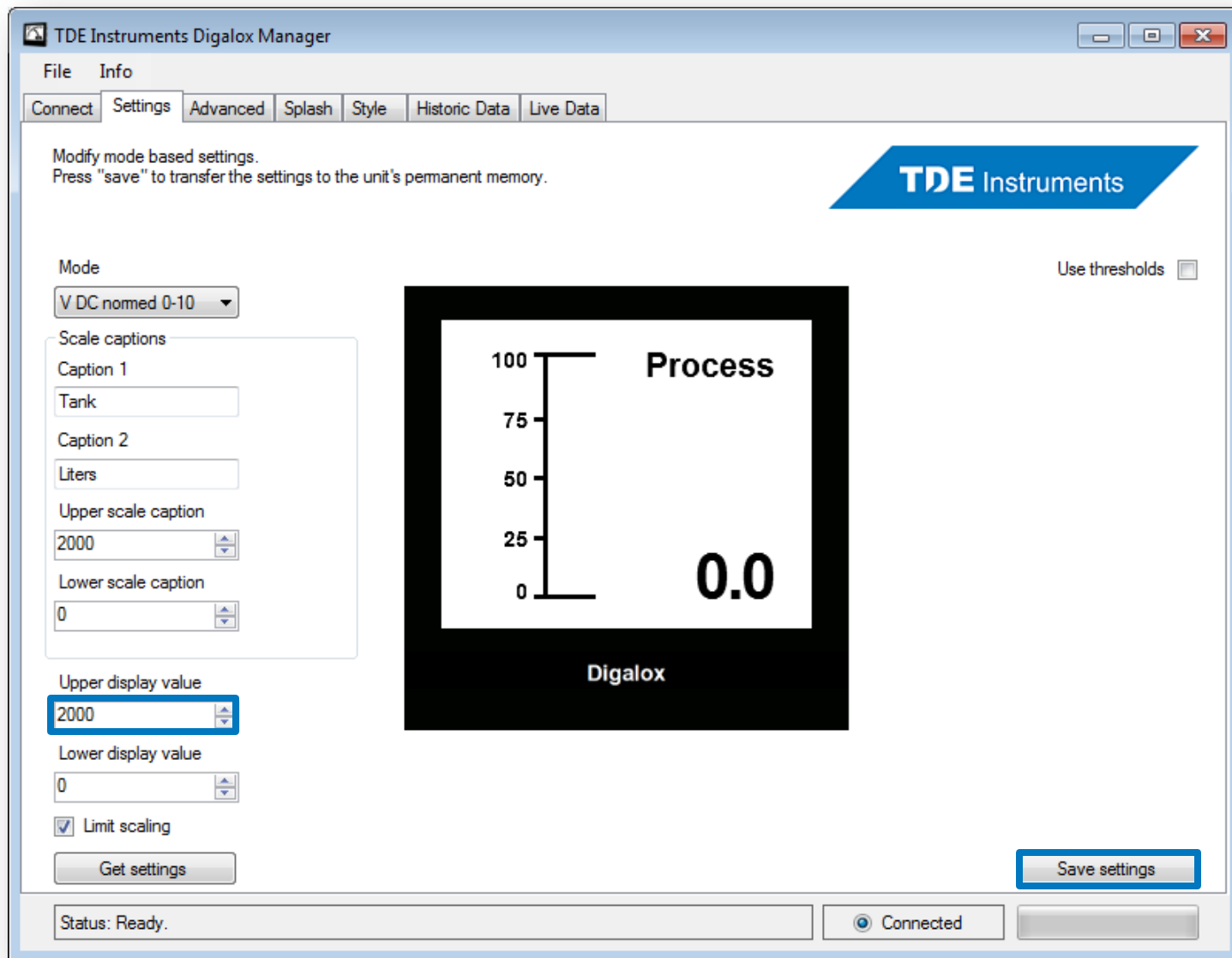TDE Instruments GmbH

- Change to tab „Settings"

- Type first caption „Tank"
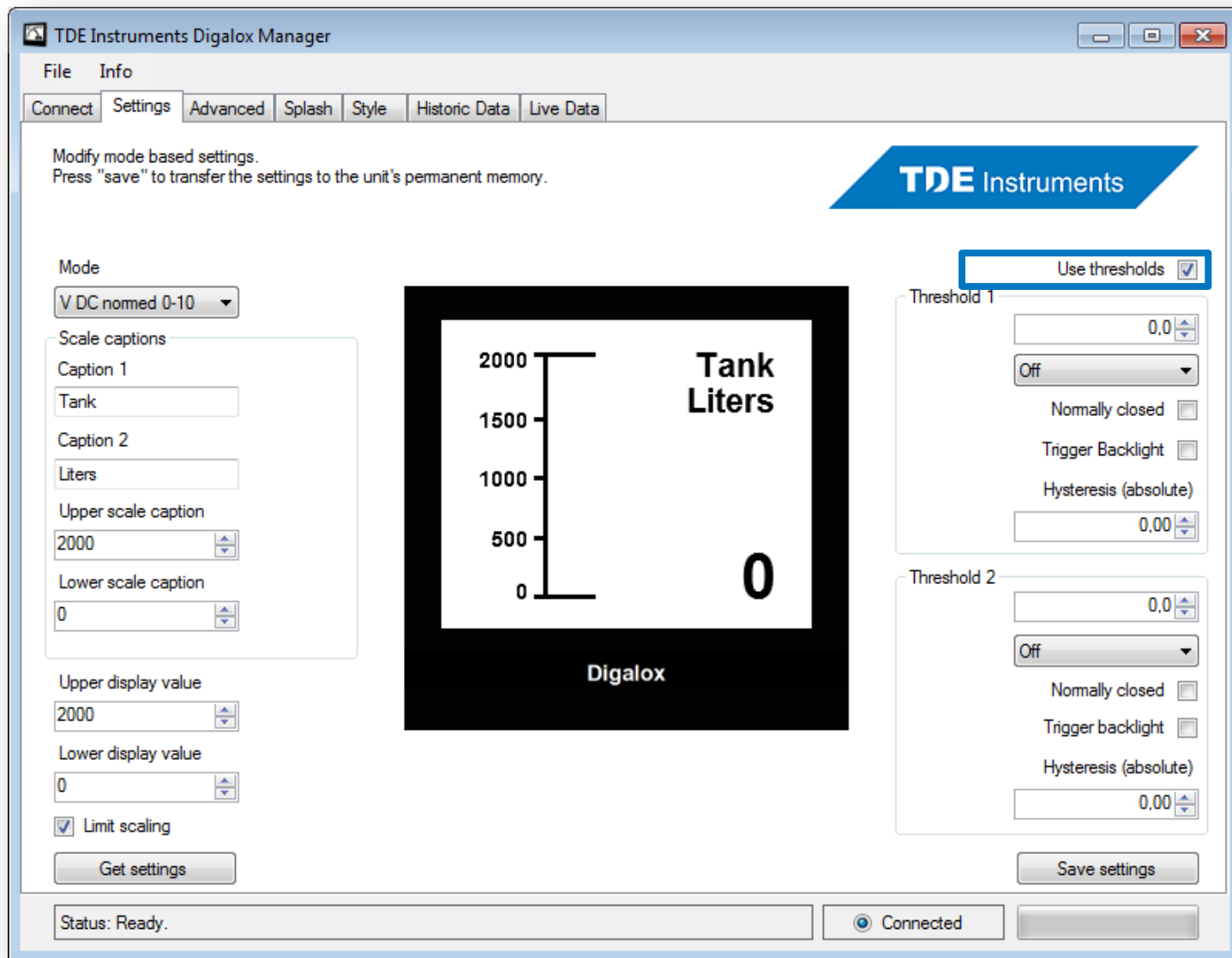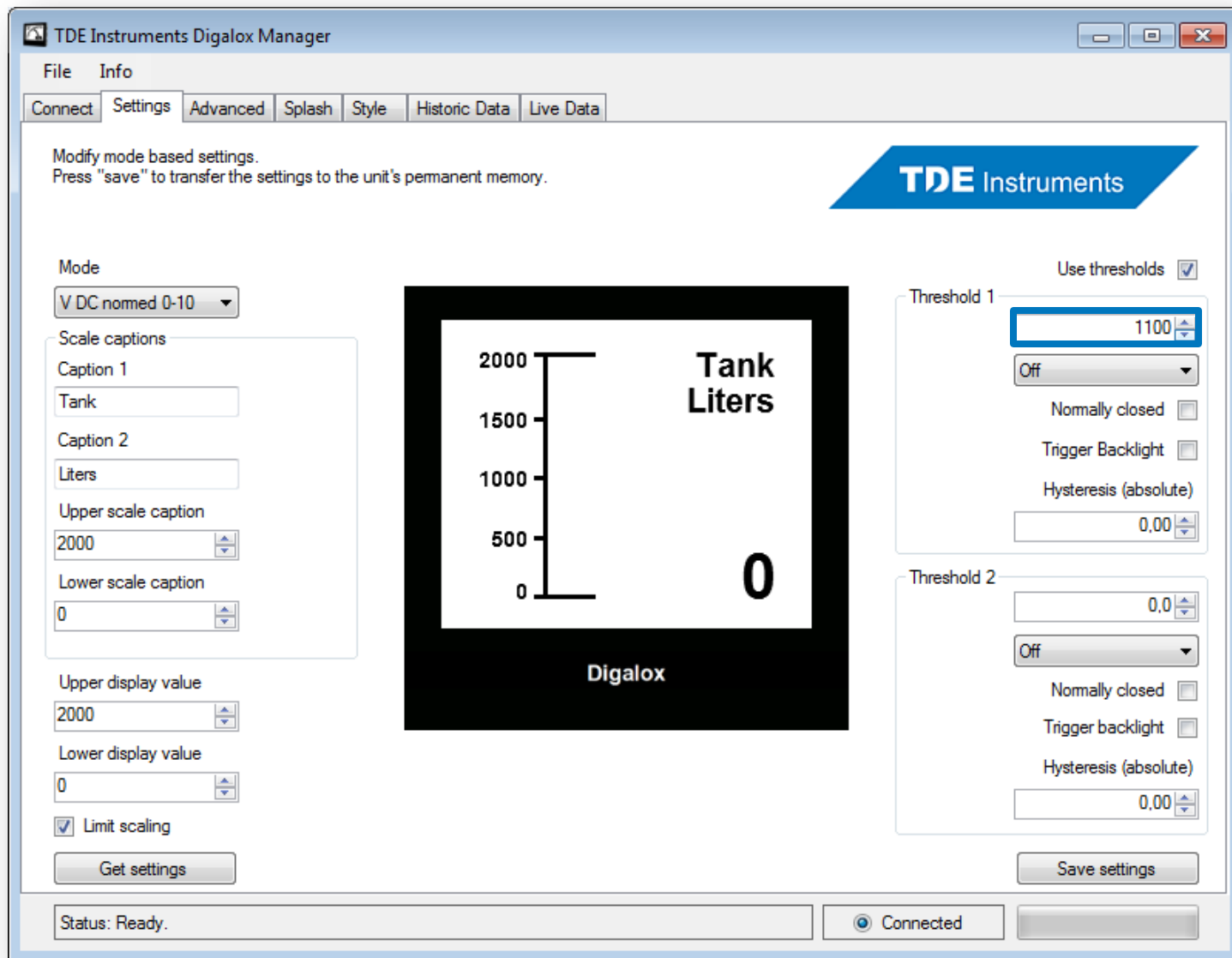
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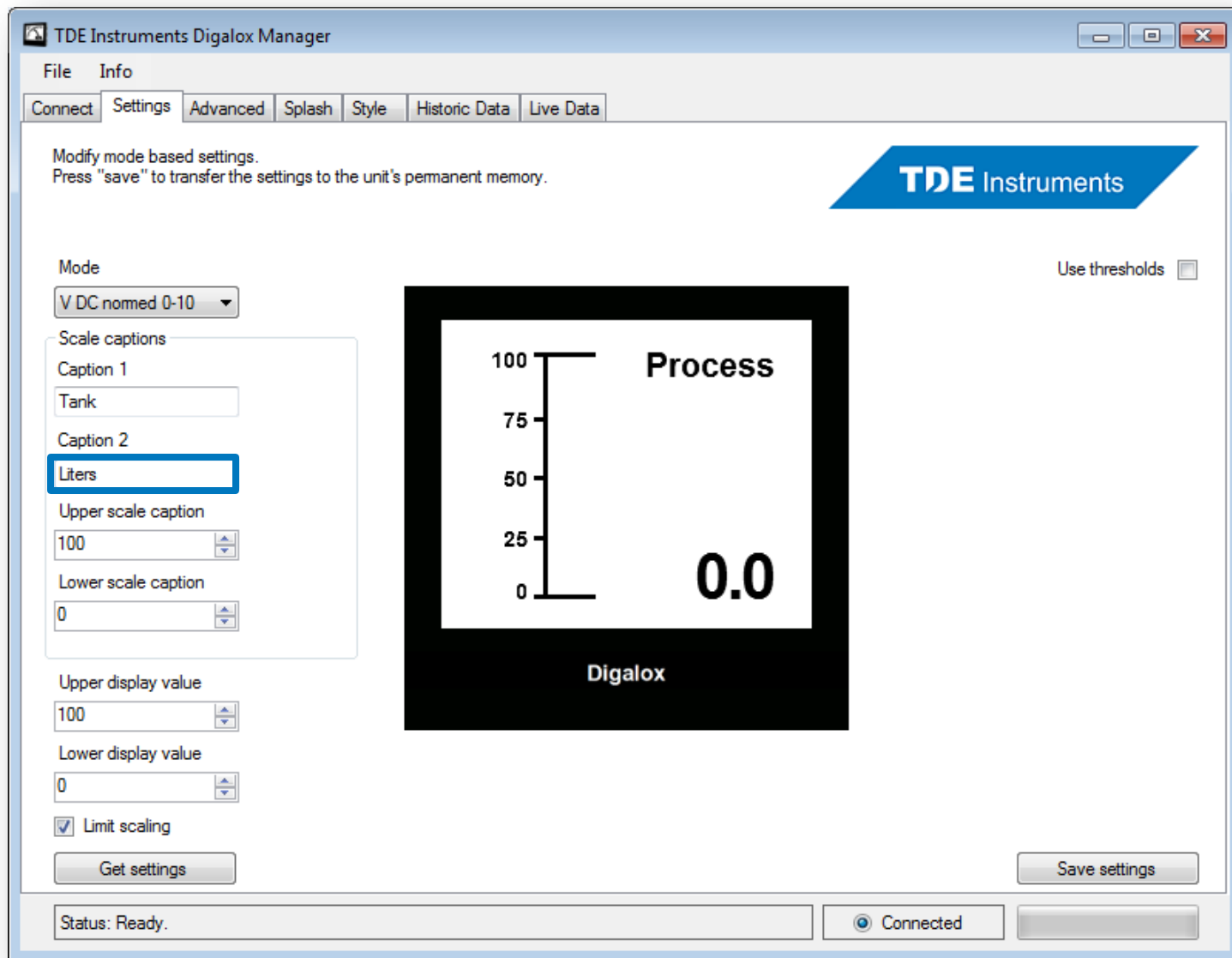
- Type second caption „Liters"
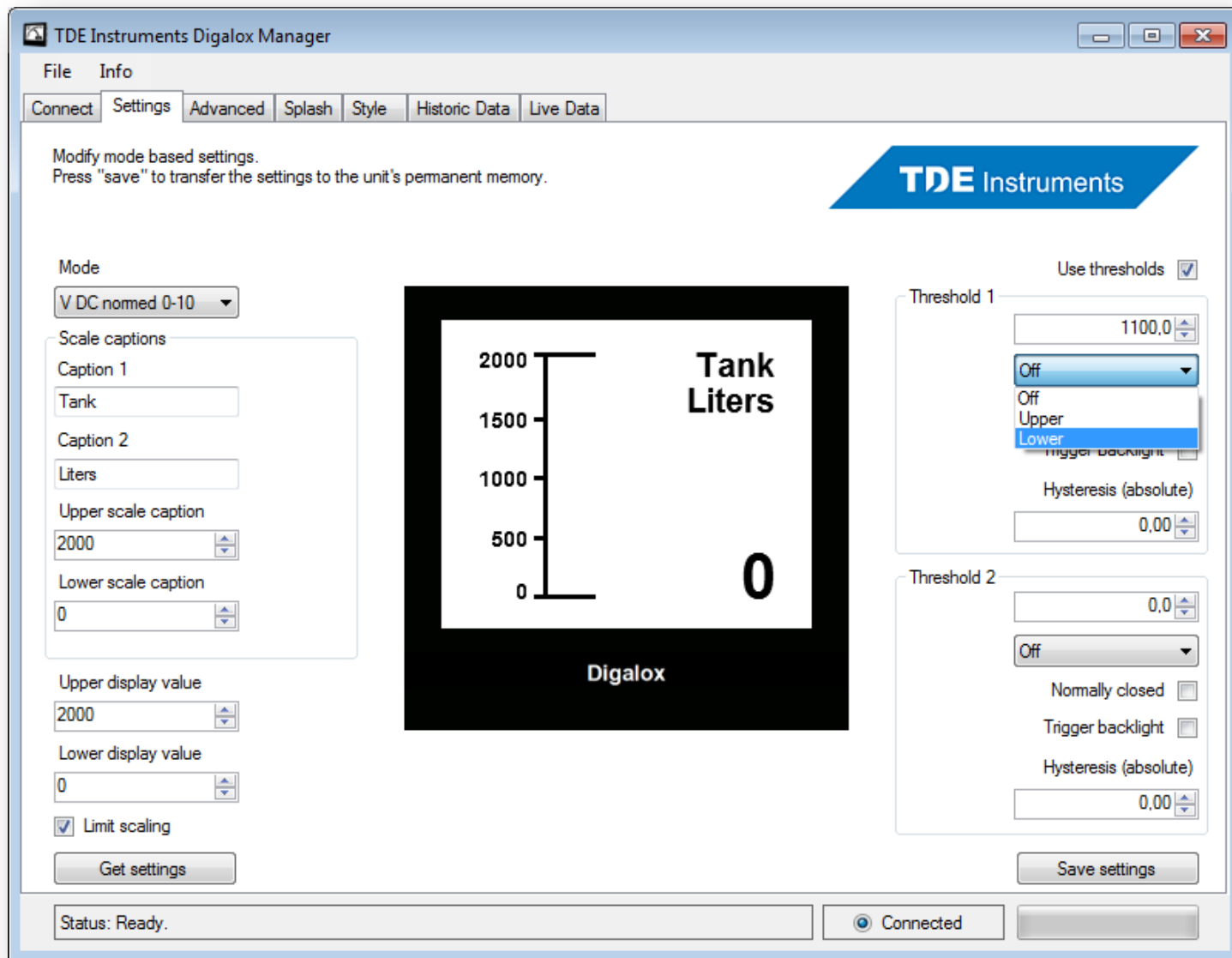
■ Enter upper display caption 2000

- Enter upper display value 2000 (equivalent to 10V)
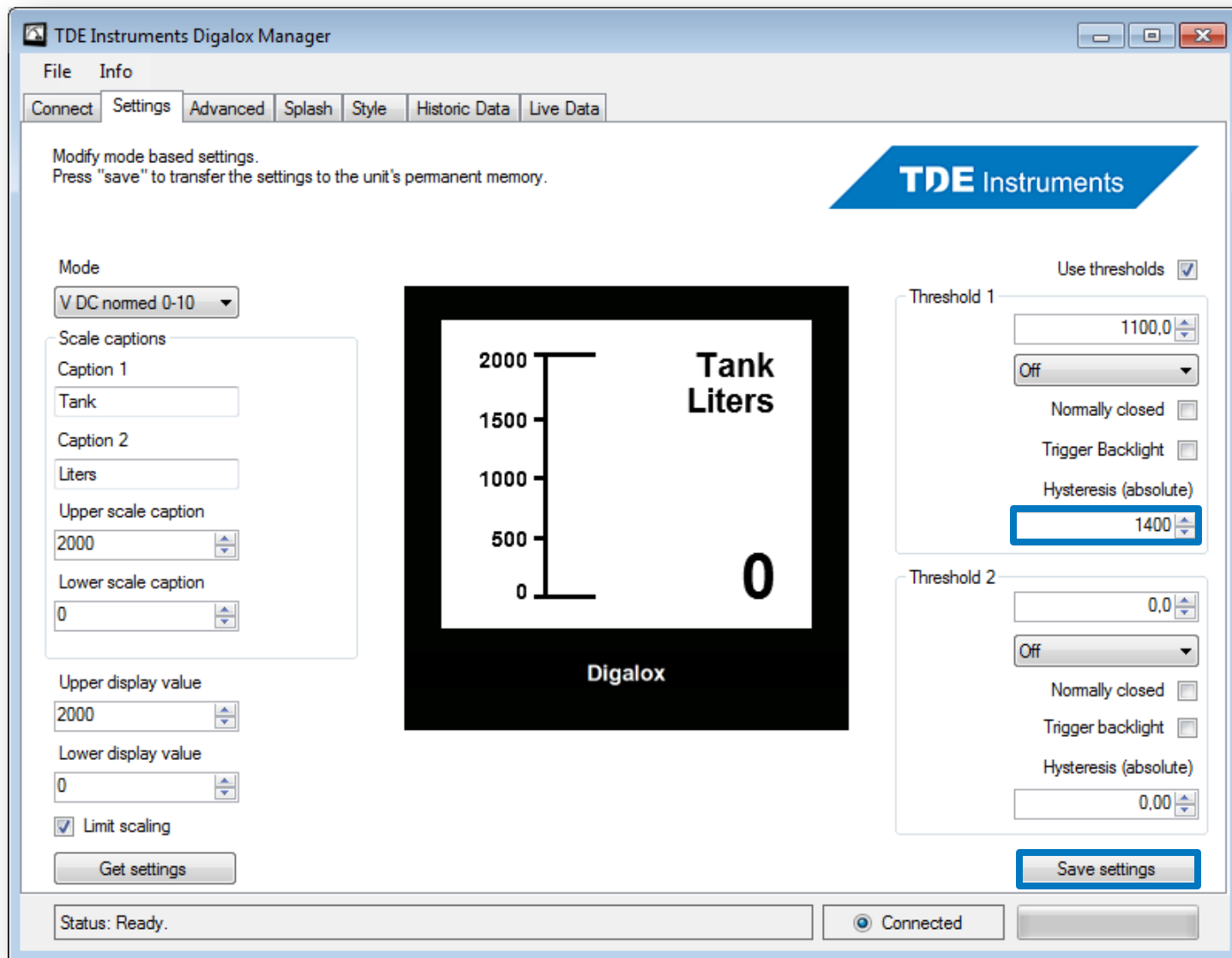
- Save to view display preview

- Activate thresholds

- Enter threshold value 1100
- This is the center of the filling range

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■ Select threshold „Lower"

- Enter hysteresis 1400 (amount to be filled)

- Save to view display preview

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- Thresholds are shown

- Output 1 is activated

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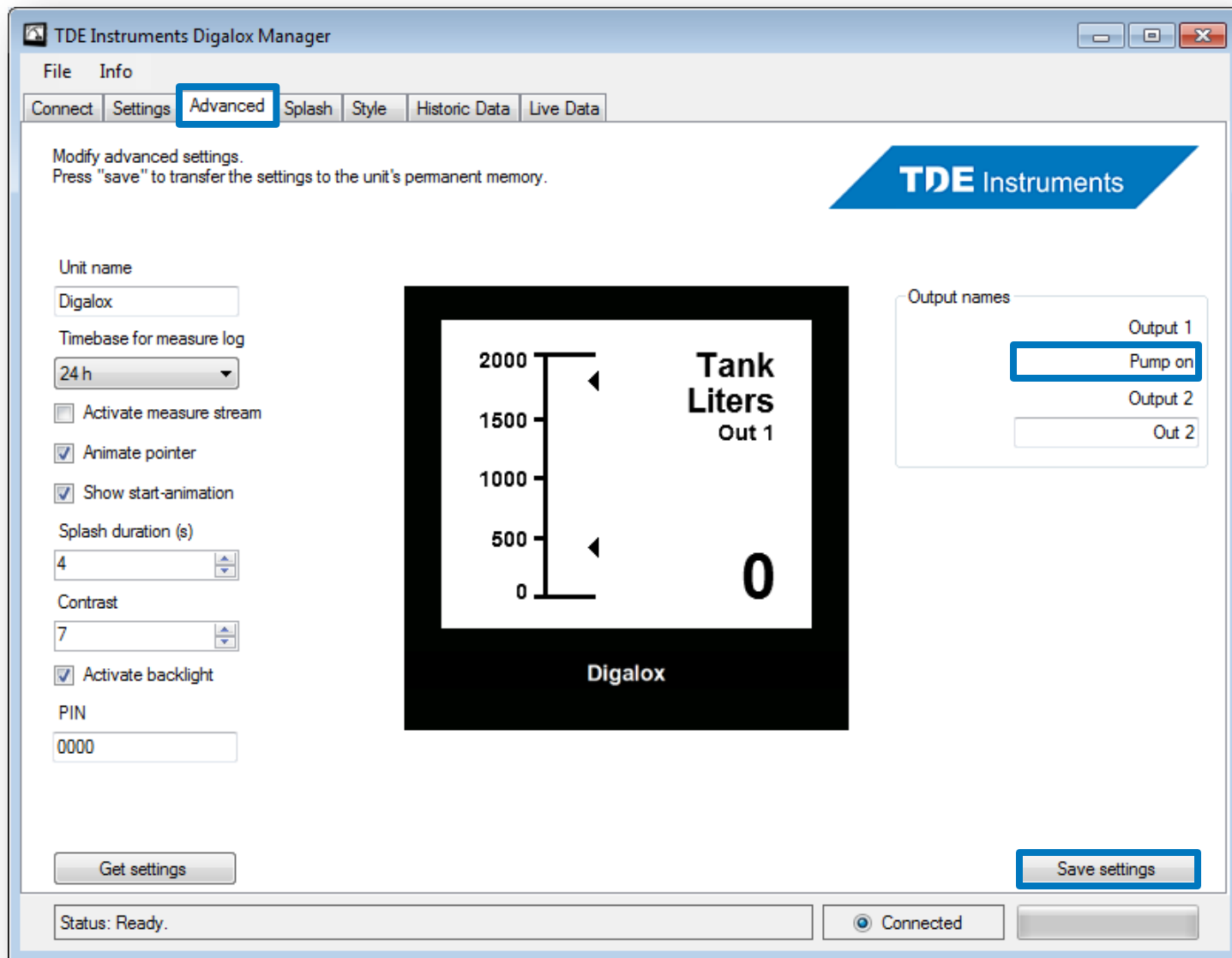
- Change to tab „Advanced"

- Type text for output 1 „Pump on"
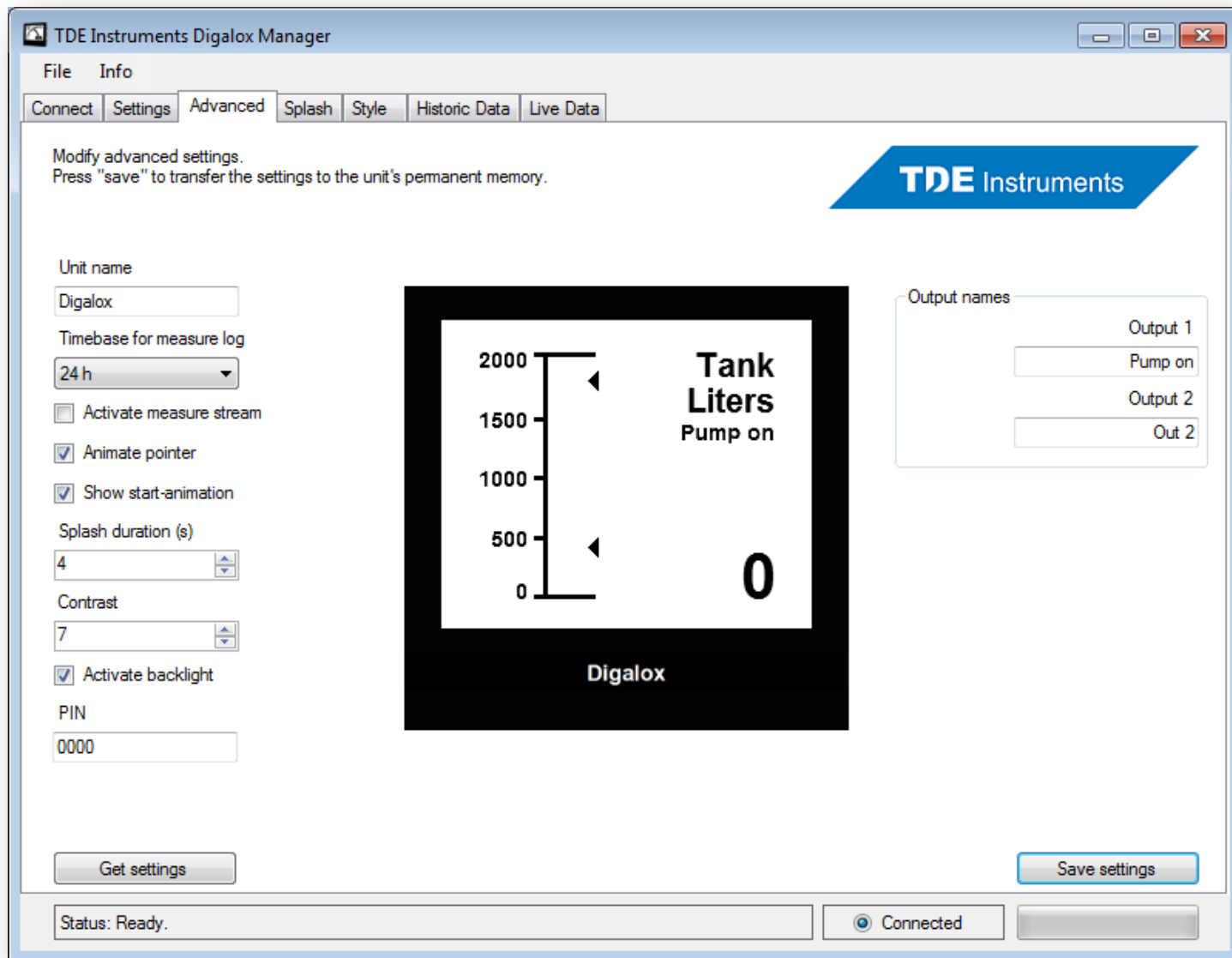
- Configuration completed

![TDE Instruments]

Thank you for your attention!

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