

# POP-22 EXI

## Level measurement and control unit

to monitor levels, control pumps and valves



LabkoNet®  
COMPATIBLE

### Technical details

#### POP-22 EXI measurement and control unit

Supply voltage	230 VAC, 50/60 Hz
Operational temperature	0...+50 °C
Connection	4...20 mA transmitter or capacitive PA/3W, PAH/3W-sensor
Relay outputs	Two potential-free switching contacts, 250 VAC / 5 A / 100 VA or 24 VDC / 4 A / 100 VA
Power output	0/4...20 mA
LED-indicators	Supply voltage, relay states, faults
Settings	By means of the unit's display and keys
Enclosure	IP 65, polycarbonate
Dimensions	175 x 125 x 75 mm (W, H, D)
Ex-classification	Ex II (1) G, [Ex ia Ga] II C, ATEX
Interface-parameters	$U_0 = 26.3 \text{ V}$ $I_0 = 86 \text{ mA}$ $P_0 = 567 \text{ mW}$ $C_0 = 95 \text{ nF}$ $L_0 = 4 \text{ mH}$

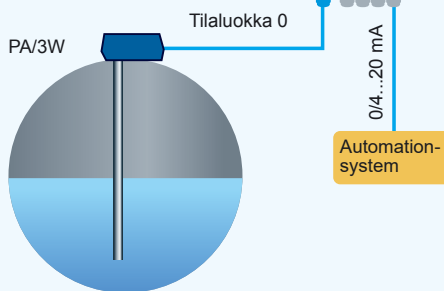
POP-22 EXI is a versatile level measurement and control unit. Its applications include monitoring tank levels, controlling pumping stations and valves and relay alarms. Labkotec's capacitive 3W sensors or other two-wire transmitters such as pressure transmitters can be connected easily to the unit.

The POP-22 EXI is equipped with an in-built Ex-barrier, thus no separate barrier is needed, if the sensor is located in explosion hazardous atmosphere.

The POP-22 EXI can be connected to LabkoNet® system.

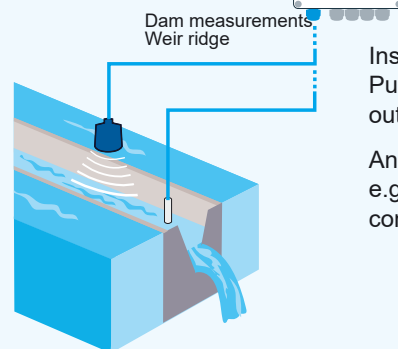
### Applications

#### Fuel tank level measurement



The output signal from the POP-22 EXI can be connected to the automation system or a side display. The two adjustable relay controls can be used for high and low level alarms or controls.

#### Level measurement, open conduit



#### Wells, pumping stations, booster pump station

Any device giving a signal of 4...20 mA, e.g. a pressure transmitter can be connected to control unit.

