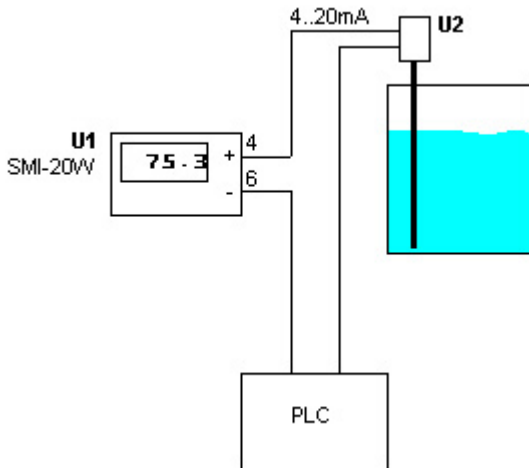


Local current loop signal measurement and display

OBJECT:

Control the liquid level in the tank. The measuring signal: 4-20mA. The displayed value should be in the range of 0-100%.



MATERIALS:

The necessary elements for the implementation of the system:

- U1: wall mounted current loop indicator SMI-20W,
- U2: liquid level meter with output signal of 4-20mA.

REALIZATION:

1. Connect the circuit shown in the scheme.
2. Configure the device by the user parameters:

- P1 = 1000 (upper limit = 100);
- P2 = 100.0 (decimal point)
- P3 = 000.0 (lower limit = 0),
- P4 = 000.0 (zero cut)
- P5 = 002.0 (filter time [s]).

ADVANTAGES:

1. Additional checkpoint - useful for maintenance.
2. The meter does not require an additional power supply.
3. The ability to display user units.

NOTE:

This system also can be buit using a TMI-20W - it is a panel mounted version of the SMI-20W.

