Wall mounted current loop indicator
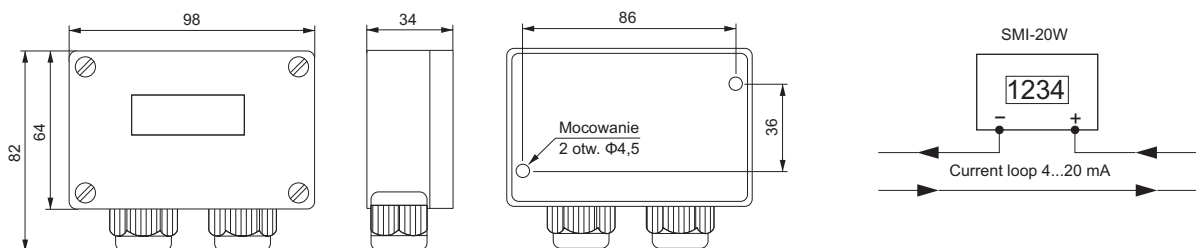
SMI - 20W

3 years warranty

CE

- All parameters programmable (span, filtering, alarms, square root, zero cut).
- Self powered from current loop.
- Value range -999...9999.
- Display current or scalable process value.
- Alarm indication.
- High reliability and accuracy.
- Large 13 mm LCD display.
- Built-in keyboard for programming.
- Wall mounted IP65 housing.

Made in Poland   TYPE: SMI-20W

The SMI-20W is dedicated for local readout of 4...20 mA current signal scaled in process value. There is also possibility to readout direct current value.
A device is self powered from the current loop.
Advanced math funtion like square root allows SMI-20W to be used in a flow control systems as local readout of the flow.
All parameter of the device are easy programmable by internal keyboard.
Dust protection IP65 allows to use SMI-20W at heavy environment.

98
34
86

82
64
36

Mocowanie
2 otw. Φ4,5

SMI-20W

1234

−   +

Current loop 4...20 mA

SMI-20W is programmable by built-in 4 keys keyboard.
Easy menu allows for programming followed parameters:
 - mode (displaying current or programmed process value),
 - upper (for 20 mA) and lower (for 4 mA) process value,
 - zero cut value (display shows lower process value, even if current falls below),
 - dot position,
 - square root and multiplier,
 - input filtering (for noisy environment),
 - measurement resolution (1, 2 or 5).

Order SMI-20W using the following code:

SMI - 20W

AUTOMATION
AND INDUSTRIAL ELECTRONIC

Input
- input span — 3.6...22mA
- input voltage drop — $\leq 6.5V$
- overload protection — $26 \pm 2mA$

Display
- type — LCD 4 digits
- digit high — 13mm
- value range — -999...9999
- dot position — programmable

General data
- basic accuracy — $\leq 0.05\% \pm 1$ digit
- measurment resolution — 16 bits
- response time (10...90%) — $\leq 1s$
- warm up time — 15min

Temperature
- operating temperature — 0...60°C
- temperature influence — $\leq 0.005\%/°C$

Environment conditions
- storage temperature — -10...65°C
- humidity (non-condensing) — $\leq 90\%$
- working position — any

Housing
- material — molded ABS
- protection housing / glands — IP65 / PG11
- wire connections — terminal screws $1.5mm^2$
- dimensions — see drawings on the first page
- weight — ~ 200g