APLISENS ®

# Digital indicators with relay outputs
# PMS-920, PMT-920

- ✓ **4…20 mA or 0…20 mA current input (PMS-920)**
  **0…5V, 1…5V, 0…10V, 2…10V voltage input (PMS-920)**
  **Pt100 – resistant input (PMT-920)**
- ✓ **Two settable relay outputs: 1 A, 230 V AC**
- ✓ **Power supply 230 V AC ( optional 24V AC/DC)**
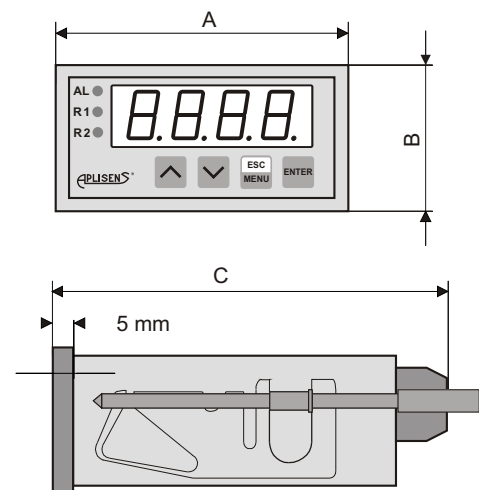- ✓ **Integrated power supply 24 V DC**

## Functions and use

Programmable PMS-920, PMT-920 indicators are applicable to coopera-tion with the transmitters having a standard current or voltage output signal. Two alarm values controlling the relay outputs can be pro-grammed. Diodes on the front of the indicator indicate the exceeding of the alarm values. The relay outputs have a pair of operating contacts. The transmitter can be powered directly from the indicator with a built-in auxiliary 24 V DC supply unit.

PMS-920 and PMT-920 meters enables the following parameters to be programmed:

- ♦ type of input signal: 4…20 mA or 0…20 mA,
  0…5 V, 0…10 V, 1…5 V or 2…10 V, Pt100
- ♦ measured value display range and decimal point position;
- ♦ level and hysteresis of action of relays;
- ♦ state of contact during alarm;
- ♦ password restricting access to the programming menu;
- ♦ display filtering level.
- ♦ Colour of display: red, green.

## Technical data

| | |
|---|---|
| **Input signal** | 4...20 mA or 0...20 mA, |
| voltage option | 0...5 V, 0...10 V, 1...5 V or 2...10 V |
| Resistant option | Pt100 |
| **Display range** | -999 to 9999 |
| **Display error** | 0.25% ± 1 digit |
| **Relay outputs** | 2 (normally open contacts) |
| | 1 A, 250 VAC |
| **Power supply** | 85 ÷ 260V AC/DC |
| Special version: | 24 V AC/DC |
| **Integrated power supply**: | 24 V DC stab., max. 100 mA |
| **Operating temperature** | 0…50°C |
| **Storage temperature** | -10…70°C |
| **Display size:** | LED 4x13mm |
| Special version: | LED 4x20mm (PMS-920/20) |
| | LED 4x38mm (PMS-920/38) |
| **Casing** | panel type, IP 40 (from the front) |
| | IP 20 (from the terminals) |

### External dimensions

**PMS-920/ PMT-920:**
(A=72mm , B=36mm , C=100mm)
 - Dimensions of panel cut-out 66,5 × 32,5mm-

**PMS-920/20**
(A=96mm , B=48mm , C=100mm)
 - Dimensions of panel cut-out 90,5 × 43mm-

**PMS-920/38**
(A=144mm , B=72mm , C=100mm)
- Dimensions of panel cut-out 138,5 × 67mm-

## Ordering procedure

**PMS-920 /___**

E – version without relay outputs
20- display 4x20mm, housing 96x48x100mm
38- display 4x38mm, housing 144x72x100mm

**PMT-920 /___**

E – version without relay outputs