

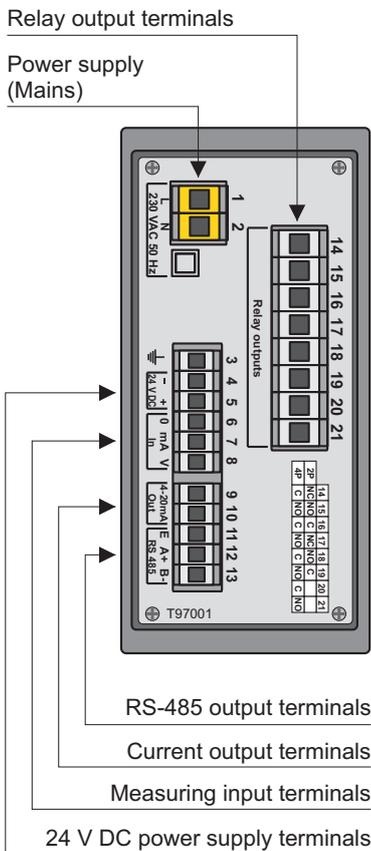
Digital indicator with relay outputs PMS-970T



Outer dimensions:

width **48**, height **96**, depth **120**

Dimensions of panel cut-out:
44.5 × 91.5



Rear view of meter

- ✓ **Universal measuring input**
4...20 mA, 0...20 mA or 0...10 V
- ✓ **4 relay outputs: 1 A, 230 V AC**
- ✓ **4×7 mm LED display + 26-point bar graph**
- ✓ **Integrated power supply 24 V DC**
- ✓ **Additional options:**
 - ⇒ **Power supply 24V AC/DC**
 - ⇒ **passive current output**
 - ⇒ **RS-485 digital output**

Functions and use

The programmable PMS-970T indicator is applicable to cooperation with the transmitters having a standard current or voltage output signal. The measurement is also shown on a four-digit LED display and on a 26-point three-colour bar graph. Four alarm values controlling the relay outputs can be programmed. The alarm values are shown on the bar graph. Diodes on the front of the indicator indicate the exceeding of the alarm values. The device can use a linear characteristic or a multi-segment characteristic freely definable by the user. The meter can also be provided with an RS-485/MODBUS RTU digital output and with a passive current output with programmable range of current variation.

The PMS-970T enables the following parameters to be programmed:

- measuring value display range and decimal point position;
- level and hysteresis of action of relays;
- relay operation mode: normally connected or normally disconnected;
- input signal conversion characteristic (segmental approximation, max. 15 segments);
- display filtering level;
- “alternating control of outputs” function used to balance wear on groups of pumps;
- bar graph mode: two-colour or three-colour.

Technical data

| | |
|------------------------------------|--------------------------------------|
| Input signal | 0/4...20 mA or 0...10 V |
| Display range | -999 to 9999 |
| Display error | ±0.1% |
| Relay outputs | 4 × 1 A/250 V AC, NO |
| Power supply | 230 V AC Spec. version 24 V AC/DC |
| Integrated power supply | 24 V DC stab., max. 25 mA |
| Operating temperature range | 5...40°C |
| Storage temperature | -10...70°C |
| Casing | panel type, IP-65 (from the front) |

Ordering procedure

PMS-970T / _____

- Special version:
- E** – version without relay outputs
 - 24** – power supply 24V AC/DC
 - WY** – passive current output
 - RS** – RS-485 interface