



Linear and angular shift meter IK-1-TK-3 is designed for potentiometric sensors signals measuring and conversion.

- Measuring scaling and indication in physical quantity units.
- Complies with requirements of TU U 33.2-32436145-002:2008.
- Listed in the State Register of Measurement Instruments of Ukraine.
- Two set points reaching alert (LED on front panel and relay).
- Programmable DC-current output 0..5, 0..20 or 4..20 mA.
- RS-485 interface, Modbus RTU protocol.
- Five-digit green LED indicators with 20 mm symbol height.

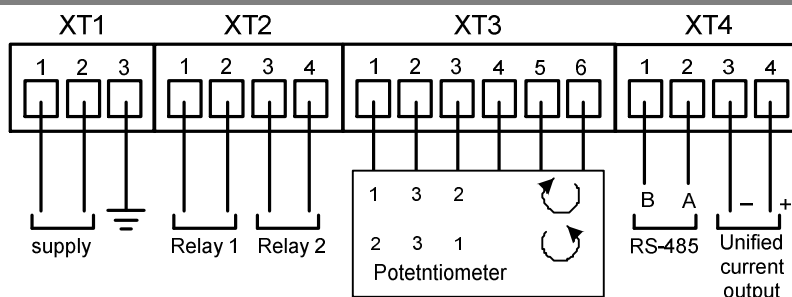
SCOPE OF SUPPLY

- digital measuring device **IP-3-TK-XXX**, где
XXX – power supply:
«24V» – (24±4) VDC;
no marking – 220 VAC, 50 Hz;
- remote console for device setting up;
- potentiometer (optional).

SPECIFICATION

- Displacement measuring reduced error, %, up to ±2
- Standard current output error, mA, up to ±0.05
- Value of least significant digit 0.1

WIRING DIAGRAM



SPECIFICATION

- Operating temperature range +5°C ..+50°C
- Dust and moisture protection..... IP41
- 2 relays, able to switch 30 VDC / 5 A to 125 VDC / 0.3 A circuits with resistive or reactive ($\tau \leq 40$ ms) load and up to 270 VAC / 3 A ($\cos \varphi \geq 0.4$) circuits. 220 VDC / 0.15 A circuits allowed with relay endurance reduced to 10000 operations.
- Current output load resistance, Ohm, up to:
 - output signal 0..5 mA..... 2000
 - output signal 0..20 mA, 4..20 mA..... 600
- Supply voltage (depends on model) 220VAC 50Hz / 24VDC
- Power consumption, VA, up to 5
- Overall dimensions (W×H×D), mm 144×74×120
- Mounting dimensions, mm:
 - mounting cut (W×H), mm 137×68
 - mounting depth, mm..... 140

