



TIK-REG 021
digital interfaces
RS-485 / Ethernet,
relay output,
discrete input



TIK-REG 121
digital interfaces
RS-485 / Ethernet,
relay output,
discrete input,
3G modem

TIK-REG recorder

Designed for connecting various devices to it via digital RS-485 / Ethernet interfaces, collecting and storing information from these devices, sending the collected information to the server, and generating actions based on events

Description

When connecting devices to it, it collects / stores the received information and various parameters (via digital interfaces), as well as configures the operation of devices.

The recorder is also capable of transmitting information to external devices using a 3G cellular network.

Features

- ▶ the presence of a full-fledged GSM module with support for 3G networks, a slot for a SIM card and an external antenna*;
- ▶ connection of an external GPS module operating via the RS-485 interface (at the request of the customer);
- ▶ built-in flash-drive up to 64 Gb;
- ▶ relay output, discrete input;
- ▶ availability of digital communication channels 2xRS-485 (Modbus RTU Master / Slave) and 1xEthernet (Modbus TCP);
- ▶ availability of web-interface for setting up the recorder; the ability to access data on a flash-drive through an FTP-server;
- ▶ LED indication of instrument status and data transfer process;
- ▶ compact case.

* only for TIK-REG 121

Specifications

Interface

Input signal type	2xRS-485 (Modbus RTU Master / Slave); Ethernet (Modbus TCP); discrete input
Output signal type	relay output; 3G cellular signal
Power supply, V	+24±2
Power consumption, no more than, W	2

Design features

Overall dimensions, mm, no more than	99x113.6x22.6
Weight, kg, no more than	0.2
Protection class	IP20
Mounting type	on DIN-rail

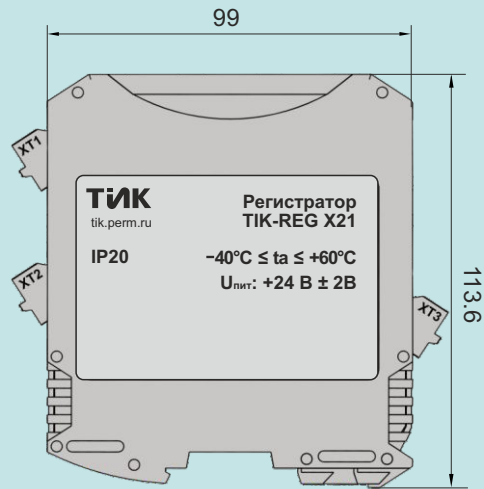
Performance

Operating temperature range, °C	-40...+60
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Reliability and manufacturer's warranties

Mean time between failures, hours, not less than	20 000
Warranty service life, months	18
Service life, years, not less than	10

Design parameters



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Connection schemes

