

SYSTEM OF TEMPERATURE CONTROL "ROS -1 M1"

Provides reliable and quality storage for grain, bran, other agricultural products in grain storehouses and elevators.

The system contains:

The system has two packaging options:

- option 1: the system contains thermocouples of resistance with pulse output signal TOMI-0591, network adapter AM-01 and PC;

- option 2: the system contains thermocouples of resistance TOM-0591, temperature control devices ПКТ-01, network adapter AM-01 and PC.

Thermocouples TOMI-0591, TOM-0591 have 6 or 12 sensitive elements positioned within armored shielded cable with certain pitch. Cable length is from 10 to 28 m. Cable diameter is not greater than 21 mm. Thermocouples shall bear breaking tension of up to 3000 kG.

Technical parameters:

- range of measured temperatures, °C	from minus 30 to 60
- resolution, °C	0,1
- notation of NSC * of transduction of thermocouples TOMI-0591, TOM-0591	50 M (Cu"50)
- main measurement error, °C	±1,0
- the system has single setting of maximal temperature value for all thermocouples with discreteness of setting, °C	0,1
- the system has an alarm that goes off if measured temperature exceeds set level of the setting by not greater than, °C	0,1
- the system performs measurement during the time period not greater than, s	10
- power supply from the wall AC mains V, Hz	220, 50

