



PURPOSE: Signal processing unit (SPU) is designed for processing the output signals of the ДПД-03 (ДПД-03Т) type wheel passage sensor








FEATURES:

- ✓ SPU with the sensor can be used in track points of motion control system axle counting on track sections
- ✓ SPU supports the standard ModBus RTU communication protocol as a driven device

As a part of axle counting track point SPU performs the following functions:

- ✓ measurement of the current values of the sensor output signals
- ✓ determination the direction of movement
- ✓ measurement the passage time of the sensor's sensitivity zone
- ✓ monitoring the sensor output signals
- ✓ measurement, recording, storage of sensor output signals levels
- ✓ formation of logical signals of the sensor condition
- ✓ providing power supply to the sensor



 Supply voltage at the SPU input	21 – 27 V
 Cable type(copper)	СБЗПУ, ЕТЕХ-КМИЭКВ
 Data transfer speed via RS-485	9,6-57,6 kbit/s
 Interface	RS-485
 Transmission distance via RS-485	to 1,2 km
 Temperature	-40°C to +60°C
 Dimentions (WidthxHeightxDepth)	120x120x60 mm

COMPLIANCE WITH THE STANDARDS :

- ✓ **GOST 15150-69 – group 3**

