

SC-UAN-01 anemometer both for mines and surface

Connectable also to the DPS-11 system
ATEX certification



SC-UAN-01

Basic parameters for applications:

- max. air speed 15 m/s
- barometric pressure 90 to 110 kPa
- operating temperature 0 °C to +40 °C
- preciseness 5 % ±0.1 m/s
- weight approx. 2,5 kg
- protection IP 65
- power supply 10 to 30 V (10 to 22 V for IIC)

Advantages of the anemometer

- ✓ Automatic device
- ✓ High precision of measurement
- ✓ Long-term reliability and durability
- ✓ Variable connectivity of the device
- ✓ Possibility to archive and view measured data in SCADA SW



The SC-UAN-01 is intended for permanent air speed measurements in various environments both without and with a risk of methane explosion. The explosion proof design I M1/II 2GD Ex ia I/IIC T135°C allows its usage in areas subject to methane explosion hazard in coal mines or in zones 1, 2, 21 and 22.

SC-UAN-01 allows displaying values on a LCD with an optional backlight. Alarm conditions are indicated locally by a red LED. The delivered SCADA SW allows archiving and viewing the measured data and alarm conditions. A cable can be connected using a cable gland or connector. The optional communication language on LCD is Czech, Russian and English in the standard version.