

ANEMOMETER

ANEMOMETERS - WITH OR WITHOUT ALARM

AN RANGE

Solutions for construction sites and industry

By offering precise wind speed measurements, the SMIE wind speed meters supply the site personnel with the necessary information in real time to take the necessary preventive measures against the risks encountered:

- Uncontrollable load movements or even, in the worst case, the overturning of the machines.
- Disagreements between the crane operators and the ground personnel as to the need to halt operations as wind speeds differ greatly from the level of the crane cabin and ground level.
- Local wind behaviour may surprise mobile elevating work platforms working between two or more buildings.

SMIE offers a range of wind speed indicators and alarms to respond to all jobsite needs.

- Measurement of wind speed.
- Transmission of the measured value, either by cable or radio, towards a remote point.
- Display of the wind speed.
- Setting off of alarms or pre-alarms to warn all site personnel of worsening wind conditions before they become critical.
- Repeater displays at several places (cabin, foot of the crane, office...).



Wind speed indicator and alarm - AN41



RAN41 display

- Display in km/h - 2 ½ digits
- Bargraph 10 LEDs (0-100 km/h)
- Power supply 230 VAC or 400 VAC
- Power consumption 18 W
- Accuracy 7% at 25°C and 72 km/h
- Magnetic fixation
- IP55

Wind speed indicator - AN10



RAN10 display

- Display in km/h - 3 digits
- Battery powered - 2 x 1.5 V standard AA type
- Accuracy 10% at 25°C and 72 km/h
- IP33

Wind speed alarm - KSANE



Wind speed alarm—KSANE

- Power supply 480, 400, 230, 115 and 48 VAC
- Two alarm thresholds:
 - Pre-alarm 50 km/h
 - Alarm 70 km/h
- Flashing red and amber - 2W at 75 pulsations/min
- Siren output 110 db at 1 m
- Self test upon start-up

Wind speed sensor TR41 / TR42

- All the wind speed indicators and alarms in the SMIE range are supplied with the TR41 / TR42 wind sensor.
- Cable 20m - other lengths available as an option - 40m
 - The output signal of the sensor is given as DC voltage

Transmitter and receiver - RL10

The RL10 wireless transmission system allows one or more TR41 wind speed sensors to be connected to one or more indicators such as the AN10 or the AN41.

RL10: Transmitter and receiver

- Frequency band: 868.2 MHz at 25mW - FSK modulation
- Range 400 m*
- Battery powered standard 1.5V - LR14 type
- Autonomy:
 - Transmitter RL10E - 50 weeks
 - Receiver RL10R - 2 weeks
- Possibility of external power supply 10-30 VDC
- Positive safety features

* If the transmitter is more than 10m from the ground and in the open.

Optional

- Display in m/s or mph
 - Power supply in 12-24 VCC, 55 or 110 VAC
 - Special threshold adjustments
 - Accuracy at 1%
- ### External alarm kit KS41
- Flashing red and amber lights at 120 pulsations/minute:
 - Pre-alarm: 50 km/h - amber
 - Alarm: 72 km/h - red
 - Siren output 110 db at 1m
 - Power consumption 18 W

Optional

- Display in m/s or mph