AIR SPEED MONITOR 1 ANEMOMETER TYPE SCGR1

- ⚒ **Air speed measurements in harsh conditions such as in mining.**
- ⚒ **Robust and easy to clean.**
- ⚒ **0.5m/s to 30m/s range.**
- ⚒ **Suitable for use with AGD1 or SILBUS-TX2F.**

DESCRIPTION

The Austdac Air Speed Monitor 1 Anemometer Type SCGR1 measures air speed from 0.5m/s to 30m/s. The SCGR1 can be mounted remotely from a controller and is supplied with a 100m cable.

The SCGR1 has a voltage free contact output which generates one pulse per revolution of the anemometer.

The SCGR1 can interface to any Controller with a digital input.

SPECIFICATIONS

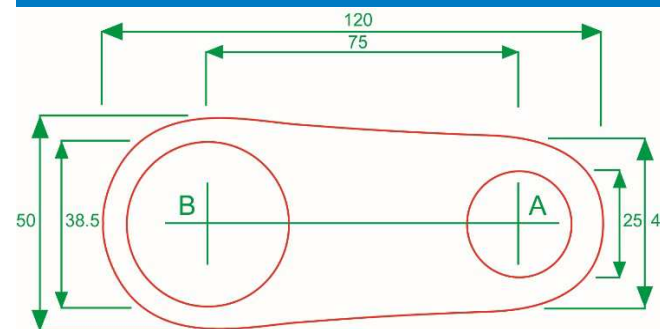|	
Size	200(dia) x 300(H) mm
	7.9(dia) x 11.8(H) inch
Mass	0.5kg (1.1 lb)
Fixing	1 x 25 mm (1 inch) diameter
Ingress Protection	IP56
Material	304 Stainless Steel/Actetal
Operating Temperature	0 to 40 deg C
	32 to 104 deg F
Storage Temperature	-20 to 80 deg C
	-4 to 176 deg F
Op. rel. humidity range	10% to 90% non-condensing
Calibration	Pulses (Hz) = 0.7375 x air speed (m/s)

CERTIFICATION

The SCGR1 is a simple apparatus and contains no energy storage components.

TYPICAL APPLICATIONS

The SCGR1 is typically used with a Controller such as the Austdac Air Speed Monitor 1 Controller Type AGD1 or Two Channel Frequency Transmitter Type SILBUS-TX2F.

The Controller can output the air speed information as a 4-20mA output, Modbus data, Analink or Fastlink data on a non-i.s. or i.s SILBUS system.

INSTALLATION INSTRUCTIONS

The Anemometer has a bracket with a 25mm (1 inch) diameter mounting hole to secure it (labelled A on the diagram above). It should be mounted upright, with the cable entry at the top of the unit.

DESCRIPTION	ORDER CODE
Air Speed Monitor 1 Anemometer Type SCGR1	**AAV02**

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