

GenII Transmitter type GD84

The Eltek GenII series is a range of telemetry products providing reliable radio data logging for a wide range of users and applications. Sensors can be located almost anywhere with reliable and secure collection data assured.

SPECIALIST
DATA LOGGERS

Easy to use customised data loggers

Applications and key features



Applications

- Duct air flow measurements
- Clean room pressure
- HEP Filter monitoring

Features

The GD84 Differential Pressure transmitter targets clean room applications and now allows differential pressure (+/- 250 pascal) to be monitored in a single compact transmitter. The precision diaphragm solid state sensor is automatically compensated for barometric pressure and is not affected by the mounting attitude of the transmitter. The high quality quick-disconnect connector system is used to attach 6mm internal diameter tubing. An LCD provides immediate readings of differential air pressure. Using licence exempt radio enable ranges of up to 300 metres depending on the building environment

Gd84 can be used with RX250AL /SC250 (Secure data CFR21 Part11) receiver loggers, RC250 receiver only and WSR, Wireless Sensor Receiver.

Specification

Differential pressure	
Range:	-250 to 250 pascal
Accuracy:	+/- 3 pascal
Display resolution:	0.1Pa
Temperature range:	-10 to 55 degree C
Humidity:	95% non condensing
Operational environment:	IP40
Battery endurance:	(Tx interval 5 minutes) 5 years
Operating frequency:	434.225Mhz (default)
Maximum TX power:	10mW ERP
Calibration Interval:	Refer to Eltek
Battery type:	6 x AA Alkaline battery (field replaceable)

Size: 80 x 42 x 125mm (excludes antenna and detachable connectors.)
Weight: 430g

Accessories

Wall bracket type WBG
Colder Products Connector (2 x supplied) type – non valved - TMC1703 for 6mm I.D. tubing.

