



DISCONTINUED: Squirrel 2020-1F8 Datalogger 16 single ended or 8 differential inputs

Product Images



Short Description

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The Squirrel SQ2020 series are high performance universal data loggers benefitting from powerful features that provide great flexibility in handling a wide range of routine and demanding applications.

The SQ2020-1F8 is a step up from the SQ2010 in that it has improved accuracy of 0.05% and can be used with external memory cards. It is the entry level version of the SQ2020 range as it supports up to 20 readings per second on 1 channel.

All Squirrel 2020 models are hand-held and lightweight; this makes them easy, fast and convenient to use - either as stand-alone loggers or as PC-linked data acquisition systems in industrial and scientific research and quality assurance applications.

Explanation	<p>Their twin processors, multiple 24-bit analogue-to-digital converters, up to 16 universal channels and a choice of communications methods ensure that the Squirrel 2020 series provides state-of-the-art data logging and communication capability whatever the application.</p> <ul style="list-style-type: none">• - Up to 16 universal inputs• - High precision (0.05%)• - Advanced data management to MMC/SD card or PC• - Flexible communications (USB, Ethernet, RS232)• - High speed option (100Hz)• - Various Remote connection options e.g. via Ethernet or dial up modem <p>Key Features</p> <ul style="list-style-type: none">• Standalone data logger or link to a PC• Compact and portable• 8 to 16 universal analogue plus 8 digital inputs• Up to 16 derived /calculated channels• 4 alarm outputs• 4 pulse rate / counter inputs (2 at up to 64kHz, 2 at up to 100Hz)• Configured via integral interface or via PC• 0.05% basic accuracy• Up to 14 million readings• Removable MMC / SD card• USB and RS232 connectivity <p>Analogue inputs supported</p> <ul style="list-style-type: none">• Thermistors• Thermocouples• Voltage• Current• Resistance <p>Key Capabilities</p> <ul style="list-style-type: none">• Create complex schedules of logging rates, triggers and alarm outputs• Scale and view readings in real time on the integral display or on a PC running SquirrelView or Excel• Display readings in preferred engineering units e.g. Hz, Bar, Pascals, Nm etc.• logging rates up to 20 readings per second on 1 channel• Derive up to 16 calculated (virtual) channels from real input channels using mathematical functions• Concurrently sample channels at different sample speeds
Promotion	<p>This product has been discontinued. See our range of Grant loggers</p>
Brand	Grant

Channel(s)	16
Typical applications	Food Safety
Measurements	Universal