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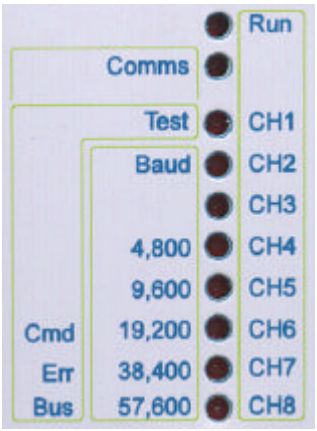
LOGi.t Pulse Loggers

The ***LOGi.t PL8*** has 8 digital inputs for counting pulses or Measuring 'Hours Run'.

The ***LOGi.t PL6A*** has 6 digital inputs plus two analogue inputs, one for a Ptl00 thermometer & one for standard O-2OmA (4-2OmA) signals - suitable for any transducer.



Log consumption data from ***kWh Cube, PowerCube, PowerRail,*** and other electricity meters, AND from water and gas meters etc.

Log temperature & analogue values with the ***LOGi.t PL6A's*** inputs for a Ptl00 temperature sensor and its 0-20mA analogue signal.

Monitor plant operation with the ***LOG1.t Pulse Loggers'*** pulse inputs that can be used as 'Hours Run' inputs as well as pulse counters.

Communications: Both ***LOG1.t Pulse Loggers*** are fitted with an RS232 comms port for local use, and an RS485 port for networked applications, allowing multidrop operation for up to ***50 x LOGi.t Pulse Loggers.***

Connection: ***LOGi.t Pulse*** Loggers may be connected directly to a PC, or via a MODEM or via the Internet.

Installation using the ***LOGi.t Pulse Logger's 'Diagnostic LEDs'*** allow operation of each channel to be verified. And where multiple Loggers are connected to a single RS485 bus, the ***'Scan Function'*** automatically detects them.

Commissioning by ***'Intelligent Auto-Selection'*** allows the RS232 port to be use d for local configuration without having to disconnect the ***LOGi.t Pulse Loggers*** from the network. And the Logger's ***'Diagnostic LEDs*** assist in trouble—shooting communications.

Operation: ***Real-Time Access*** allows operation of individual ***LOGi.t Pulse Loggers*** to be viewed and verified. Automatic downloads can be individually scheduled to Suit the application. The ***History File*** lists all downloads on your PC giving you full details, including success and failure, of operations. The ***'Current Value Window'*** allows accumulating values to be viewed from a remote PC. As well as averaging Analogue Inputs over the log period, e.g. for temperature measurements, the ***LOGi.t PL6A*** also logs the Max/Mm values — monitors peak loads and minimum Power Factors.

Analysis: Supplied as standard, the pre-written Excel @ Worksheet analyses your downloaded data.

LOGi.t Pulse Loggers are supplied complete with all necessary software for set-up, for down-loading data both manually & automatically; and for analyzing data from one or more ***LOGi.t Pulse Loggers.***

LOGi.t Pulse Loggers

SPECIFICATION

Logging		
N° of Inputs PL8	8 Digital	
PL6A	6 Digital I Resistance 0-200 Ohm I Analogue 0-20mA	
Volt Free Digital Inputs	ON < 800 Ohm OFF > 20,000 Ohms	
Pulse Rate	20Hz max	
Min ON Time	10ms	
20mA Input Loop Supply	15 volt dc at 30mA max	
Storage Capacity	2047 readings 42 days at 30 minute intervals	
Logging Interval	From 10 sec to 6 hours	
Memory Mode	Linear or Circular	
Auxiliary Supply		
Standard	230 V	±15% 45-65Hz 4VA
Optional	115 V.	Other values to order
General		
Enclosure	Noryl UL94-VO	
Size	159 x 90 x 58mm DIN 43880, 9 modules wide	
Weight Terminals	400 gms approx Rising Cage, 2.5mm^2 max cable	
Environmental		
Temperature	-10°C to +65°C Operating	
Humidity	< 95% RH non-condensing	
PC Communications		
Protocol	Custom	