LoLog data loggers – 1 million reading memory version explained

All LoLog dataloggers can be supplied with increased memory capacity of 32000 readings but only single channel loggers can be supplied with 1 million readings. (either single pressure or single flow).

The reason for this is that there is no more memory in these loggers - it is a clever piece of firmware which compresses the data by basically not recording readings if they are the same as the previous reading. To make this work successfully it can only cope with a single channel as the micro does not have enough power to process this compression simultaneously on two channels. The data sheet is not very clear on this but it is only available for a single channel logger. It is still a cheap way to do this, even if you have to use two 450 1 Million loggers - one for each channel.

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