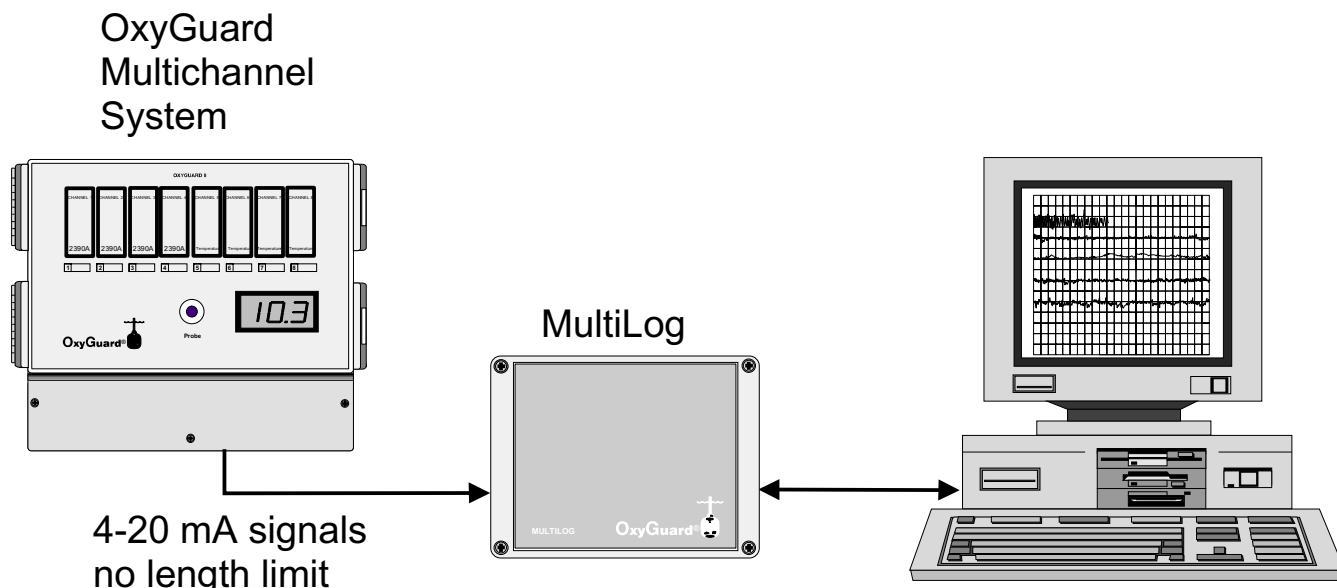


OxyGuard MultiLog

For logging signals from OxyGuard Multichannel Systems



The OxyGuard MultiLog is a data logger and connection unit designed for use between OxyGuard multichannel systems and a PC. It is connected to the analogue outputs of the multichannel system, and its memory is shared between the number of channels (from 1 to 8) used. The user can easily change the configuration, e.g. to change the data logging frequency.

The MultiLog is configured and records are observed by using a PC running the MultiLog software under Windows. The software includes graphing facilities that permit the display of records singly or in groups as desired, with two different vertical axes and unlimited zoom in/zoom out function. Measurements are also easily transferred to the PC for storage, or for importing to most popular spread sheets. The MultiLog can be connected to the PC whilst logging, permitting on-line real-time observation of conditions.

The MultiDrop version of MultiLog uses a long-distance communication system that permits multi-drop operation over large distances, with any number of MultiLogs connected to one PC. In this manner many OxyGuard systems can be observed from one PC. A small communication converter that plugs into a PC COM port is provided.

Technical Information

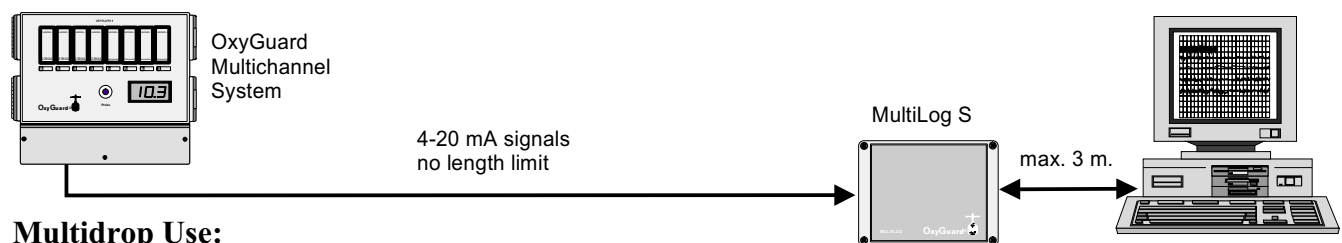
Technical Advantages

The datalogger/meter is housed in a plastic enclosure with terminal strip for connection to the multichannel system and for connection to the COM port of a PC, where needed via the communication converter. The unit is configured to the actual number of channels, and the memory (15000 cells or 60000 cells) is divided between these. The MultiLog can also be used as an on-line measurement interface between a multichannel system and a PC. The recommended maximum communication distance is 1 km. A version with "floating" inputs is found for use when the analogue outputs of the multichannel system are connected to other equipment as well as to the MultiLog.

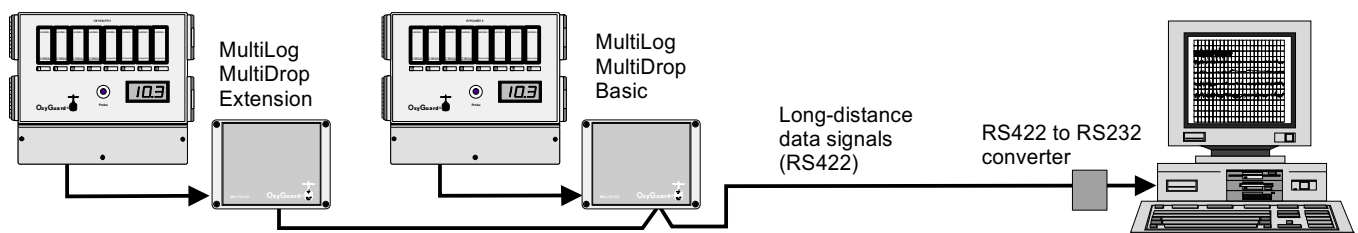
The MultiLog software is used both to configure the MultiLog and to manipulate the data recorded in it. The software runs under Windows, and is easy to use - it also includes a comprehensive graphing facility. For further treatment data can be transferred to a spreadsheet in a matter of moments.

Application Data

Solitary Use:



Multidrop Use:



Specifications and Ordering Information

Inputs:	Max. 8, single-ended, current loop 0/4 to 20 mA. Add "D" to ordering number for version with floating inputs. Inputs can be configured to any parameter.
Resolution:	8 bit
Encapsulation:	IP 65
Operating temp.:	0 to 50°C
Data Capacity:	15000 or 60000 readings in non-volatile memory
Log rate:	Programmable from 1 second to 1 hour.
Software:	Windows 3.11 and 95 (or over) compatible.

Versions & ordering information:

Stand-alone:	15K memory: A051SAL;	60K memory A052SAL.
MultiDrop Basic:	15K memory: A051MDB;	60K memory A052MDB.
MultiDrop Extension:	15K memory: A051MDX;	60K memory A052MDX.

Add suffix "D" for floating input types.

Output to PC: RS 232. MultiDrop version has RS 422 to RS 232 converter.