OxyGuard MultiLog

For logging signals from OxyGuard Multichannel Systems

OxyGuard
Multichannel
System

MultiLog

4-20 mA signals
no length limit
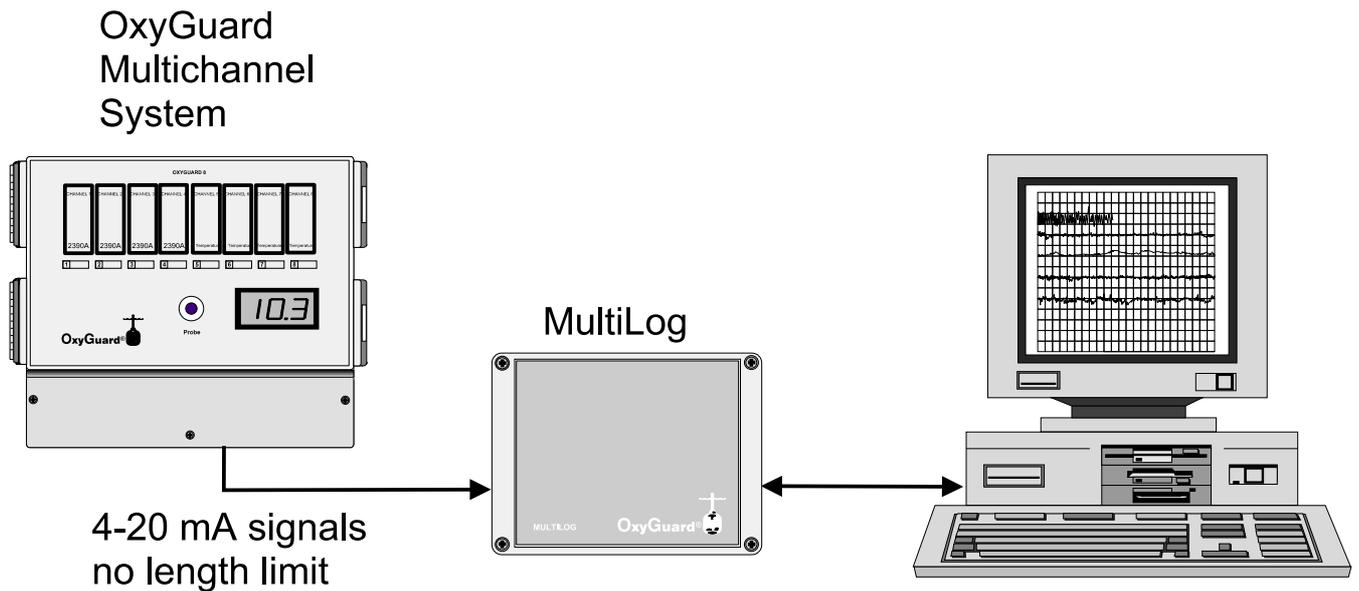
The OxyGuard MultiLog is a data logger and connection unit designed for use between OxyGuard multichannel systems and a PC. It is connected to the analogue outputs of the multichannel system, and its memory is shared between the number of channels (from 1 to 8) used. The user can easily change the configuration, 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.

OxyGuard®

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 a PC, either to a COM port or to a COM to USB converter. The unit is configured to the number of channels used, and the 15000 cell memory is divided between the channels used. The MultiLog can also be used as an on-line interface between an OxyGuard 8 multichannel system (or other devices) and a computer. A version with "floating" inputs is found for use when the analogue outputs of the OxyGuard 8 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 includes a comprehensive graphing facility. For further treatment data can easily be transferred to a spreadsheet.

Application Data

OxyGuard
Multichannel
System

MultiLog S

4-20 mA signals
No length limit

max. 3 m.
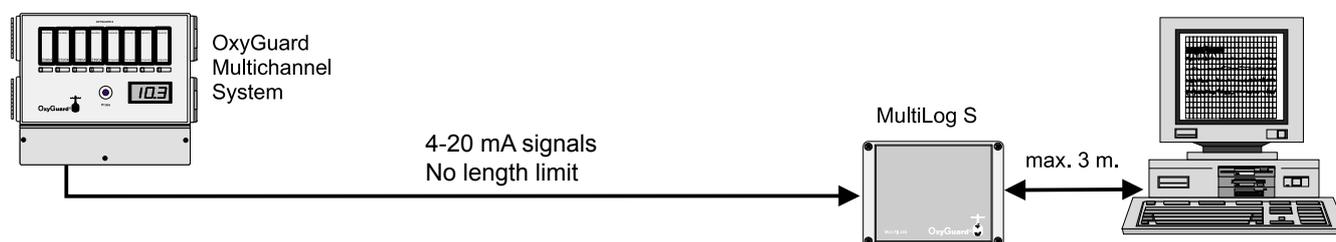
Specifications and Ordering Information

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 readings in non-volatile memory
Log rate: Programmable from 1 second to 1 hour.
Software: Windows compatible (max. 32 bit.)

Versions & ordering information:
A051SAL: Stand-alone MultiLog with 15000 cell memory.
                    Add suffix "D" for floating input type.