

MESLOG-S/SL PC measurement program



MESLOG S

Meslog-S is a program for further handling of data collected by a DP-158 or DMCP data collection unit. It is designed for use in monitoring, research, testing, quality control and other applications in industry, transport and buildings.

In further handling of data the program breaks down and analyses data collected by the measurement centre into trend curves shown on the PC display, or into ASCII format, or into tables suitable for handling by various programs, or storage on diskette.

In continuous monitoring, measurements may be formed into a clear and easily readable column display, into numerical data on the PC display or into zoomed trend curves. Limit values and deviations may be shown in different alarm windows on the PC display.

Using the printer connection, all displays and events may be documented and in addition reports at defined times may be obtained using the program menu

MESLOG SL

Meslog SL is a measurement, alarm, and reporting program designed for use with several DMCP or DP-158 data collection units with an emphasis on monitoring. It continuously updates sub-centres connected to the data bus, collecting measurement information and announcing alarms.

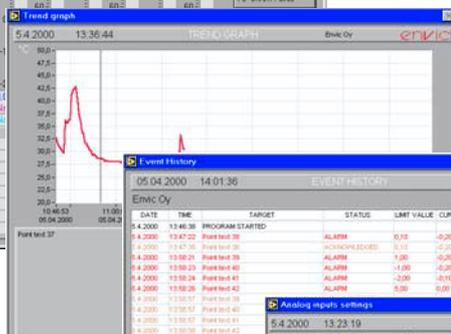
Typical applications of the Meslog SL monitoring program are in industrial control, maintenance, and data collection operations. Often monitoring is limited to the area within one factory limits, but applications are also possible in different localities with data collection stations using remote data collection via modems and the telephone network, for example in the monitoring of storage tanks.

In the Meslog SL program there are the same possibilities as in the Meslog S program to enlarge the number of sub-stations and the data collection protocols so they are suitable for many units.

EQUIPMENT REQUIREMENTS

Practically the programs require Windows-95/ 98/ 2K (or NT) based computers, printer connection, and 1-2 serial bus connection (RS-232/485). The memory capacity of the system and speed must be adequate for the number of points involved and the amount of data to be stored. For the graphic output a high quality printer is required. For alarm and report printing another printer may be used.

OUTPUT EXAMPLES



DATE	TIME	TARGET	STATUS	LIMIT VALUE	CURR. VAL	LIMIT CLASS	DIRECT
5.4.2000	13:47:22	Point test 38	ALARM	0,10	10,00	5,1	A
5.4.2000	13:47:22	Point test 38	ACKNOWLEDGE	0,10	20,00	5,1	A
5.4.2000	13:50:23	Point test 38	ALARM	1,00	10,00	5,1	A
5.4.2000	13:50:23	Point test 40	ALARM	-1,00	10,00	5,0	A
5.4.2000	13:50:24	Point test 41	ALARM	-0,50	10,00	5,1	B
5.4.2000	13:50:26	Point test 42	ALARM	0,50	10,00	5,1	A

Basic display

- reading and comparison of measurement values is clear using the bar display
- the numerical part of the display makes it possible to see also the actual values for each point and their maximum/minimum values without looking at a different page.
- the limit values and the different colours for alarm points can be seen at a glance

Trend display

- it is possible to program two different storage interval times for which the whole trend may be checked at intervals of from 1 hour to one year.
- the sliding y-axis help lines obtains precise numerical information
- the graphical information may also be obtained in numerical form

Event history

- incoming and removing alarms, acknowledgements with time and limit values, existing alarm situation reports etc.

No.	Channel name	Unit	Value	Direction	Value	Unit	Delay	Relay	Class	Direct	Print
37	Point test 37	°C	20,00	High	1000,00	10,00	10	0	Low	500,00	0
38	Point test 38	°C	20,00	Low	0,10	10,00	10	0	Unkn	0	0
39	Point test 39	°C	0,00	Unkn	0,00	10,00	10	0	Unkn	0	0
40	Point test 40	°C	0,00	Unkn	0,00	10,00	10	0	Unkn	0	0
41	Point test 41	°C	0,00	Unkn	0,00	10,00	10	0	Unkn	0	0
42	Point test 42	°C	0,00	Unkn	0,00	10,00	10	0	Unkn	0	0
43	Point test 43	°C	0,00	Unkn	0,00	10,00	10	0	Unkn	0	0
44	Point test 44	°C	0,00	Unkn	0,00	10,00	10	0	Unkn	0	0

Analog input settings

- point texts, scaling, units, limit values, priority groups, delays, relay outputs, exhibiting connections
- other settings such as trend intervals, time settings, display texts, measurement device programming, data collection properties etc. have own setting pages