

Measuring and Evaluation Software

Type PAX-XLS

- Graphical Presentation with Determination of the Mechanical Performance
- Auto-Scaling X- and Y-Axes
- Up to 3 Channels at once
- Data Logger



DESCRIPTION:

Measuring and evaluation software for easy evaluation and graphical presentation at a PC.

Via a serial interface PAX-XLS software allows the direct read-in of measured data into spread-sheets of EXCEL®. Measured data can be stored as series of measurements with selectable interval.

If signals, such as torque and speed, are available the mechanical performance will be programmed in another curve.

Starting point is always the first line with the column headings. The first column contains the time as X-values, the second and third column contains the measured variables as Y-values.

At several successively series of measurements, different sheets of a working folder can be used.

Application example for 1-channel:
Force or torque evaluation
Speed or angle

Application example for 2-channel:
Torque-Speed evaluation
Force-Displacement evaluation

Application example for 3-channel:
2x Torque-Speed evaluation
2x Torque-Angle evaluation
For example: 2-range sensor with angle (DR-2208 1 N-m and 10 N-m)

The main advantage of the acquisition of measurement on EXCEL® basis is the flexible computational usability of the measured data. All EXCEL® implemented functions for computations are available.

Moreover, by the versatile graph possibilities of EXCEL®, the measured data with auto-scaling x- and y-axes can be represented simultaneously to the measurement.

TECHNICAL DATA:

Type	PAX-XLS
Art. No.	106872
Interface	Serial COM 1-12
Protocol	RS232
Meas.Rate 1-channel PAX DP	max. 10 meas./s (without simultaneous graphical presentation)
Meas.Rate 2-channel (for example DR-2208)	max. 35 meas./s (without simultaneous graphical presentation)
Meas.Rate 2-channel-DD2002	max. 6 meas./s (without simultaneous graphical presentation)
Meas.Rate 3-channel-DD2002-DP (for example DR-2208)	max. 8 meas./s (without simultaneous graphical presentation)
Total Meas. Values	32000
Long-Term Measurement (Data Logger)	Adjustable starting from 1 s (with simultaneous graphical presentation)
Adjustable Phys. Units	N-m, N-cm, N, KN, g, Kg, t, rev./min, angle°
System Requirements	Win95® and higher, Office XP® compatible Excel® Version 6.0 and higher, Excel® 2002 compatible, CD-ROM disk-drive, Serial interface

Accessories

Adapter USB on RS232	Art.Nr.109629
Connection Cable RS232	Art.Nr.46957

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