Proxitron®
Sensoren für Automation

Software PRO_SOFT MK2, incl. interface converter USB/RS485.

The Windows software includes a simple parameter setting as well as the recording of measurements with analogue sensors of the production series MK_.

The compact interface converter of USB on RS485 is usable universally and provides the sensor with the necessary supply voltage.

Technical Data

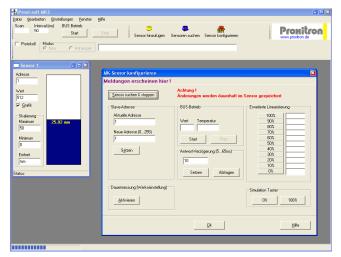| Type	MK_SOFT 2
Art.-No.	9861A
Software PRO_SOFT MK2	
Operating system	Windows XP / 7 / 8
Language	German / English
Setting of the measurement range	yes
Custom-designed linearization	yes
Evaluable sensors	1 (max. 256)
Show of measurements	yes
Conversion measurement/distance	yes
Log measurements	yes, in txt-file
Data carrier	CD-ROM
Interface converter USB/RS485	
Supply voltage	5 V DC from USB
Current consumption	≤ 100 mA
Supply voltage sensor	24 V DC (max. 20 mA)
Ambient temperatur	-10 ... +50 °C
Connection Sensor	Female plug S4 (M12x1) with 1,5 m cable
Connection PC	USB cable 1,8 m

Proxitron analog sensors of the production series MK_ dispose of a serial RS485 interface next to the analogue signal output. This makes both the setting of the sensor parameters and the acquisition of distance values possible.

With the software PRO_SOFT MK2 the following functions are utilizable over a Windows surface:

- visualization of distance measurements

- log of measurements in a txt file

- setting of measurement range beginning and final value

- reversal of the working direction

- individual linearization

- setting of the sensor internal slave address

- setting of the response time of the sensor internal interface for the adaptation to different RS 485 interfaces

The sensor MK_ can be led back after a software parameter setting in the work setting.
(see instruction manual sensor)

The enclosed interface converter is interpreted for the terminal connection of one sensor to a customary PC with a USB interface. The software also offers the possibility of evaluating several sensors simultaneously. For the simultaneous operation of several sensors must be provided with an additional operating voltage.

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