

Operating Instructions

Function and Application

With the PC interface device and the SONPROG PC software the user of a Pepperl+Fuchs ultrasonic sensor M18 and M30 can fully utilise the benefits of these units.

SONPROG PC software provides an interface with which:

- the function of the ultrasonic sensor can be visualised
- the parameters of the ultrasonic sensor can be checked
- the parameters of the ultrasonic sensor can be altered
- the ultrasonic sensor can be adapted to the application.

In this way, it is possible to set up a ultrasonic sensor for a particular application. The settings chosen can be saved to disk or printed to facilitate maintenance and documentation of the system. After replacement of a ultrasonic sensor, the replacement device can be programmed with the saved data quickly and easily.

Software Installation

The SONPROG PC software for programming the ultrasonic sensor is supplied. For installation execute "setup".

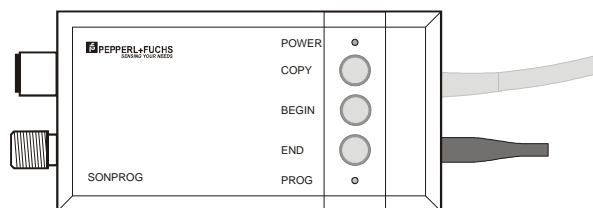
Items Supplied

PC interface 001 with RS232 cable (serial interface), power supply, M12 male to M12 female cable, "SONPROG for Windows" Software.

Technical Data

Operating voltage	DC 24 V or with the enclosed power supply 115 to 230 V AC
Dimensions	150 x 82 x 30 mm
Hardware requirements	PC, Serial interface (COM1 to COM)
Software requirements	MS-Windows 3.x, Windows 9x, Windows NT, 2000, XP

Connection



Connector	Function
1	Sensor via enclosed cable
2	24 V and PLC
3	Serial interface of PC or Laptop
4	24 V via enclosed power supply

The sensor is connected via the M12 cable to connector 1 of the interface. The fixed RS232 cable is then connected to the serial interface (COM1 upto COM4) of a PC or Laptop.

The DC 24 V power supply for the interface can be via connector 2 (e.g. from the normal sensor supply) or via the enclosed power supply unit.

Function Keys

A detailed description of the Function Keys is in file FKEY.DOC

Key	Function
COPY	Copy Function A parameter set will be copied from one sensor to another.
BEGIN	Teach-in Start of Operating Range or Analogue Start.
END	Teach-in End of Operating Range or Analogue End.
LED POWER	Function LED green Power supply
LED PROG	Function LED red Status-LED for Function Keys Blinking LED signals an error.

For further information or for the newest software version visit the Pepperl+Fuchs page:
www.pepperl-fuchs.com