



12.02

1. ⚠ Warning

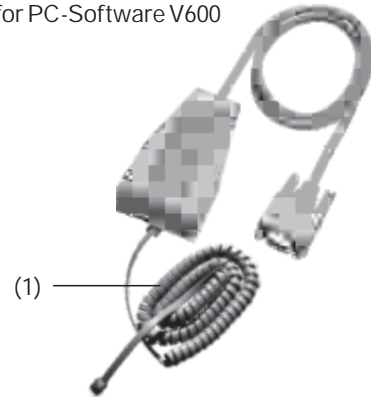
Strictly follow the warnings given in the Operating Instruction forRISH Ducer V604

The programming cable PRKAB 600 is only for use in conjunction with a PC with a Windows operating system having an RS 232C serial interface.

No liability will be accepted in any other cases.

2. Scope of supply

- 1) Programming cable (1)
- 2) Operating instructions (2)
- 3) Compact Disk for PC-Software V600



Operating Instructions
Programming cable PRKAB 600 for RISH Ducer V604



12.02

Fig. 1

3. Description

The programming cable PRKAB600 serves to connect the RISH Ducer V604 transducer to a PC with a Windows operating system and on which the PC-software V600 (provided in Compact disc) is installed for purpose of programming the instrument. The cable also provides the electrical isolation between PC and the transducer.

The power supply for the transducer must be switched on in order to program it.

The connection between PC ↔ PRKAB600 ↔ RISH Ducer V604 are shown in Fig. 2.

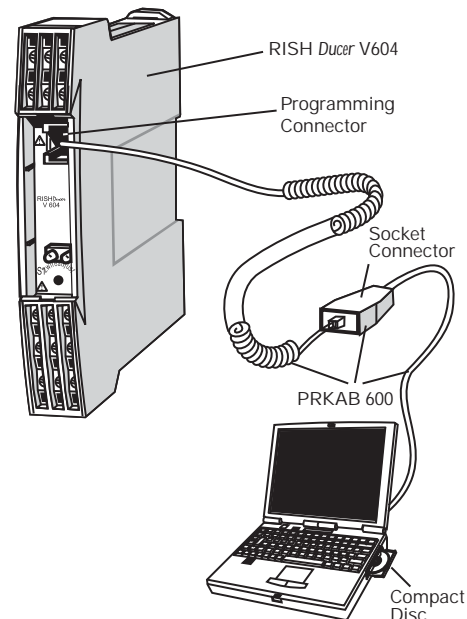


Fig. 2



It is not permitted to use the programming cable PRKAB600 for programming devices of other manufacturer.

The data are transferred in a half-duplex mode.

The built-in electronic circuit converts the standard RS232C interface signal ($\pm 10V$) to TTL signals of 0/5V which can be read by *RISH Ducer V604*.

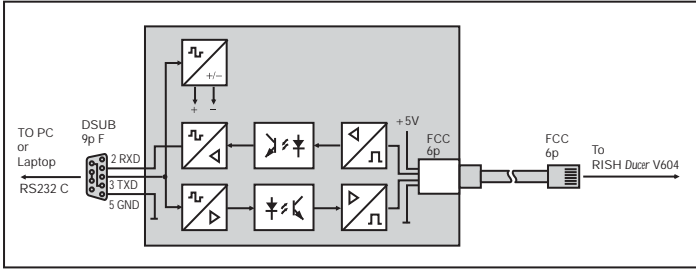


Fig. 3 Schematic diagram PRKAB600

4. Technical data

PC interface connector

- Serial interface : COM 1, 2, 3, or 4 (RS232 C)
- Sub-D connector : 9pin
- Data transfer rate : Between 1200...9600 Baud, Depending on PC software
- Transmit signal level : -5.6 V / + 5.6 V
- Receive signal level : -12...3 V / + 3...12 V
- Power consumption : Approx. 80 mW

Programming connector

- FCC-68 socket : 6/6 pin
- Signal level : TTL (0/5 V)
- Power consumption : Approx. 50 mW

Expandable cable

FCC-68 6/6 pin connector at both ends uncrossed.

Electric isolation

Between the serial interface on the PC and the *RISH Ducer V604*

Test Voltage : 4kV, 50Hz, 1min

Weight : Approx. 200g,

5. Dimensional drawings

Electric isolation

Between the serial interface on the PC and the *RISH Ducer V604 - II*

- Test voltage: 4 kV, 50Hz, 1min
- Weight : Approx. 200g