

PK 610, Programming cable and accessories for SINEAX, SIRAX and KINAX transmitters

Application

The programming cable PK 610 serves to connect the

- ... SINEAX V 608
- ... SINEAX V 611
- ... SINEAX V 624
- ... SINEAX VK 616
- ... SIRAX V 606
- ... KINAX 2W2
- ... KINAX WT 711
- ... KINAX WT 717
- ... KINAX SR 719

transmitters to a PC on which the PC software V 600 plus resp. 2W2 is installed for purposes of programming the transmitter in standard or Ex version (if available).

The transmitter can be programmed either with or without the power supply connected on the SINEAX, SIRAX resp. KINAX.

The connections between PC ↔ PK 610 ↔ SINEAX, SIRAX or KINAX – as well as the different mounting possibilities, e.g. inside or outside the explosion danger area – are described in the operating instructions for each device.

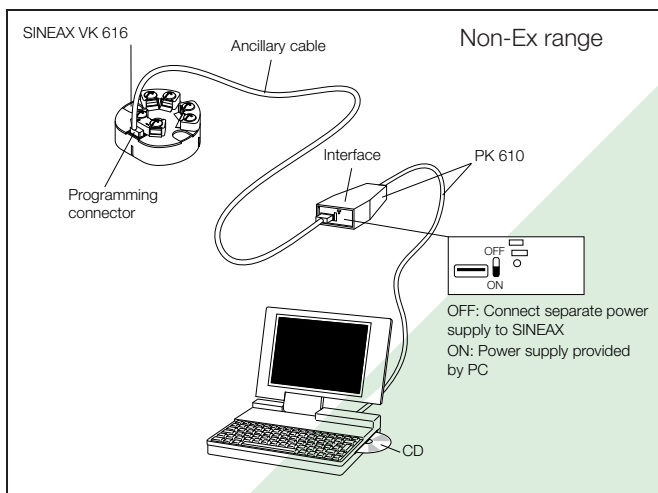


Fig. 1. Example for a connection for programming with a SINEAX VK 616 in standard version.

The electronic circuits convert the standard RS 232 C interface signals to signals which can be read by SINEAX, SIRAX or KINAX transmitters.



Fig. 2. Programming cable PK 610.

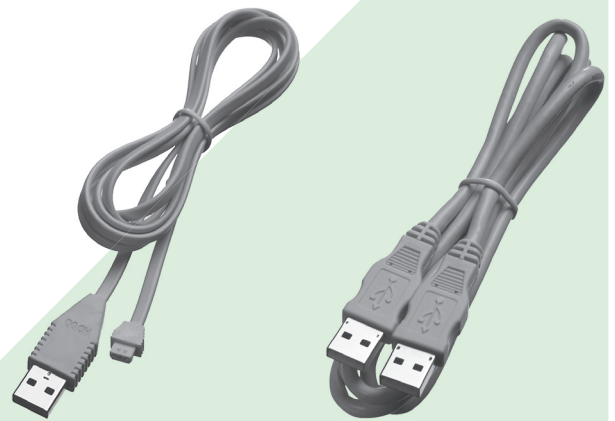


Fig. 3. Ancillary cable for SINEAX V 611, VK 616, KINAX 2W2, WT 711, WT 717 and SR 719.

Fig. 4. Ancillary cable for SINEAX V 608, V 624 and SIRAX V 606.



Fig. 5. Configuration software on CD.

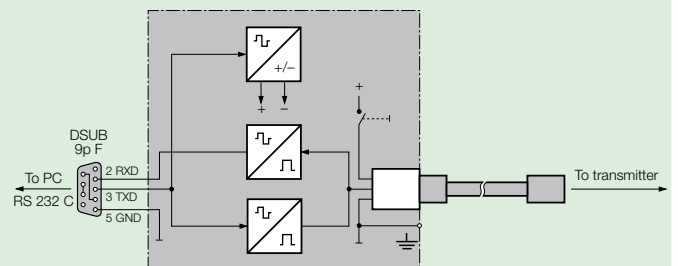


Fig. 6. Schematic diagram of the programming cable PK 610.

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Technical data

PC interface connector

Serial interface:	COM 1, 2, 3 or 4 (RS 232 C)
Sub-D connector:	9 pin
Data transfer ratio:	1200 baud
Send signal level:	-5.6 V / + 5.6 V
Receive signal level:	-12...3 V / + 3...12 V
Power consumption:	Approx. 80 mW

Intrinsically safe

The programming cable PK 610 is generally suitable for use with standard and explosion-proof "intrinsically safe" SINEAX, SIRAX and KINAX transmitters.

Type examination certificate:	ZELM 99 ATEX 0011
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Weight

Programming cable PK 610	140 g
Ancillary cable for SINEAX V 611, VK 616, KINAX 2W2, WT 711, WT 717 and SR 719	30 g
Ancillary cable for SINEAX V 608, V 624 et SIRAX V 606	80 g

Dimensional drawing

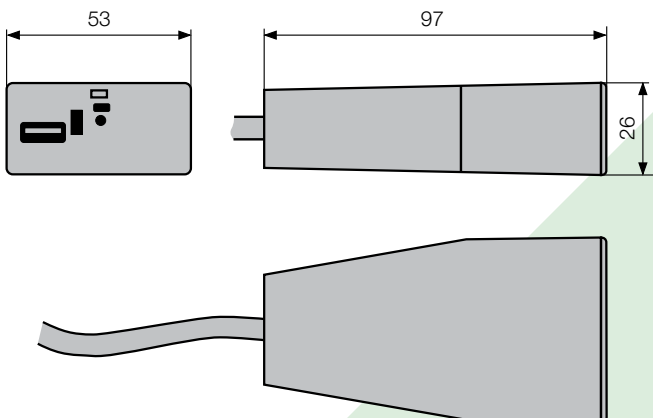


Fig. 7. Interface on the programming cable PK 610.

Spare parts / Software

Description	Order No.
Configuration Software V 600 plus for SINEAX V 608, V 611, VK 616, VK 626, V 624 and SIRAX V 606 Windows 95 or higher on CD in German, English, French, Spanish, Italian and Dutch. Configuration Software 2W2 for KINAX 2W2, WT 711, WT 717 and SR 719 Windows 95 or higher on CD, in different languages (Download free or charge under http://www.camillebauer.ch)	146 557
Programming cable PK 610 	137 887
Ancillary cable for SINEAX V 611, VK 616, KINAX 2W2, WT 711, WT 717 and SR 719 	141 440
Ancillary cable for SINEAX V 608, V 624 and SIRAX V 606 	141 416

The SINEAX VK 626 with the HART protocol does not require a programming cable. It is configured via the serial interface of a PC with the appropriate HART interface and the associated V 600 plus software.