

PK 610

Programming cable and accessories for SINEAX V 608, VK 616, VK 626, V 624 and KINAX 2W2

Application

The programming cable PK 610 serves to connect the SINEAX V 608, VK 616, V 624 and KINAX 2W2 transmitters to a PC on which the PC software V 600 *plus* resp. 2W2 *plus* is installed for purposes of programming the transmitter in standard or Ex version.

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

The connections between PC ↔ PK 610 ↔ SINEAX V 608, VK 616, V 624 and KINAX 2W2 – 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.

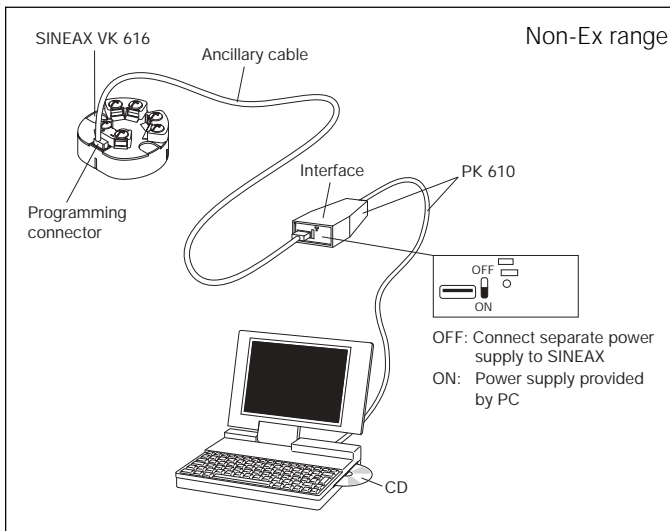


Fig. 1. Example for a connection for programming with a SINEAX VK 616 in standard version.



Fig. 3. Programming cable PK 610.



Fig. 4. Ancillary cable for SINEAX type VK 616 and KINAX 2W2.

Fig. 5. Ancillary cable for SINEAX type V 608 and V 624.

The electronic circuits convert the standard RS 232 C interface signals to signals which can be read by SINEAX V 608, VK 616, V 624 and KINAX 2W2.

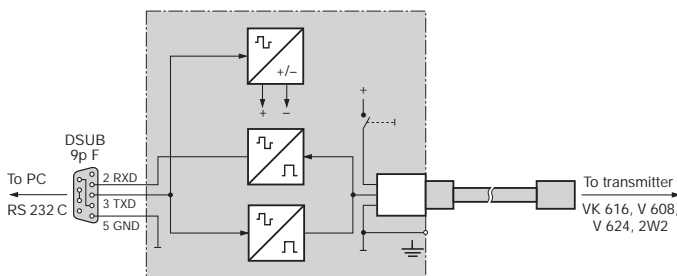


Fig. 2. Schematic diagram of the programming cable PK 610.



Fig. 6. Configuration software on CD.

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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 V 608, VK 616, V 624 and KINAX 2W2 transmitters.

Type examination certificate: ZELM 99 ATEX 0011

Weight

Programming cable PK 610:	140 g
Ancillary cable for SINEAX VK 616/ KINAX 2W2:	30 g
Ancillary cable for SINEAX V 608/V 624:	80 g

Dimensional drawing

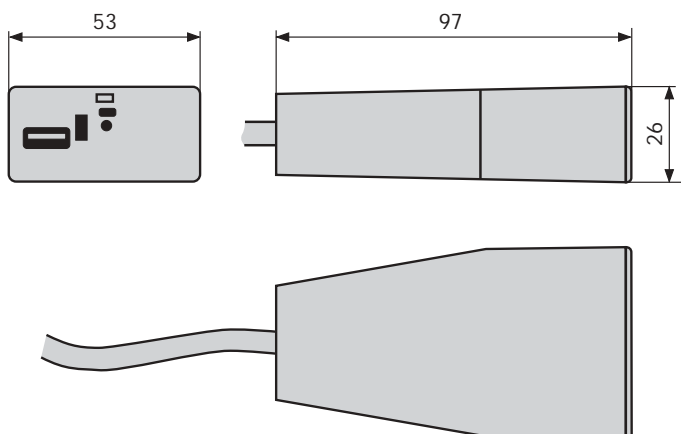
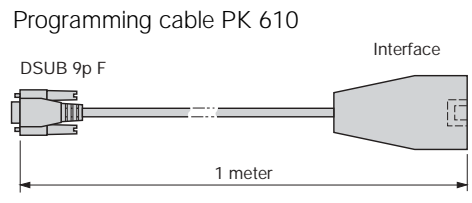
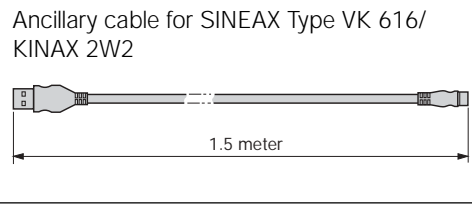
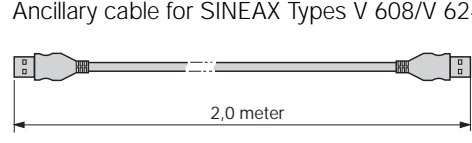


Fig. 7. Interface on the programming cable PK 610.

Spare parts / Software

Description	Order No.
Configuration Software V 600 plus for SINEAX V 608, VK 616, VK 626 and V 624 Windows 3.1x, 95, 98, NT and 2000 on CD in German, English, French, Spanish, Italian and Dutch. Configuration Software 2W2 plus for KINAX 2W2 Windows 95 or higher on CD (Download free of charge under http://www.gmc-instruments.com)	146 557
Programming cable PK 610 	137 887
Ancillary cable for SINEAX Type VK 616/ KINAX 2W2 	141 440
Ancillary cable for SINEAX Types V 608/V 624 	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.