

RFID PROGRAMMING UNIT, USB



BASE

Type: **DEV-RP**

- RFID TO ISO 15693 (NFC)
- USB 2.0, POWERED BY THE PORT
- FOR TP-RTD · TP-TC · TP-DR · SP-DR
- WINDOWS SOFTWARE INCLUDED



ORDERING

Set	programming unit, USB cable and software — ordered as one item
Suitable for	TP-RTD (EKMA), TP-TC (EKMB), TP-DR and SP-DR

The manufacturer keeps the set under an order number of its own. An octagon order code has not yet been defined for this product.



OVERVIEW

The DEV-RP is the tool that belongs to the programmable transmitters of this range. It hangs on a USB port of the PC, is powered from it, and writes the setting into the transmitter without contact over RFID to ISO 15693 — the same NFC technology a phone uses for a travel card. Suitable devices are the TP-RTD, TP-TC, TP-DR and SP-DR. The software that comes with it reads, writes and edits the configuration: type of sensor, type of connection, measuring range and the behaviour of the output in case of a fault. The driver installs itself when the unit is plugged in, the interface is a HID USB port, and the delivery contains the programming unit, the USB cable of about 1.8 m and the software. The case is black plastic of about 190 × 102 × 29 mm and weighs around 160 g without the cable.

COMMUNICATION AND SOFTWARE

- RFID to ISO 15693, NFC
- For TP-RTD · TP-TC · TP-DR · SP-DR
- PC interface HID USB port
- USB 2.0 compatible
- Connection PC: USB type A
- Connection unit: mini USB, 5-pole
- Cable length approx. 1.8 m
- Read, write and edit mode

DEVICE AND ENVIRONMENT

- Case plastics, black, approx. 190 × 102 × 29 mm
- Weight approx. 160 g without cable
- Protection class IP20
- Supply 5 V from the USB port
- Operating temperature 0 ... +50 °C
- Storage –40 ... +85 °C
- Humidity 30 ... 90 %, no condensation
- Driver installs itself on plugging in



TECHNICAL DATA

RFID AND USB

Conformity	ISO 15693
Technology	NFC
Suitable transmitters	TP-RTD · TP-TC · TP-DR · SP-DR
USB specification	USB 2.0
Software interface	HID USB port
Driver	installs automatically when the unit is plugged in

SOFTWARE

Operating system	Windows XP, 7, 8.1 (32 / 64 bit)
Modes	read · write · edit
Settings	type of sensor, fault output, type of sensor connection, measuring range of the sensor

MECHANICS AND DELIVERY

Case	plastics, black · approx. 190 × 102 × 29 mm
Weight	approx. 160 g without the connecting cable
Delivery	programming unit · USB cable · software

CONNECTION

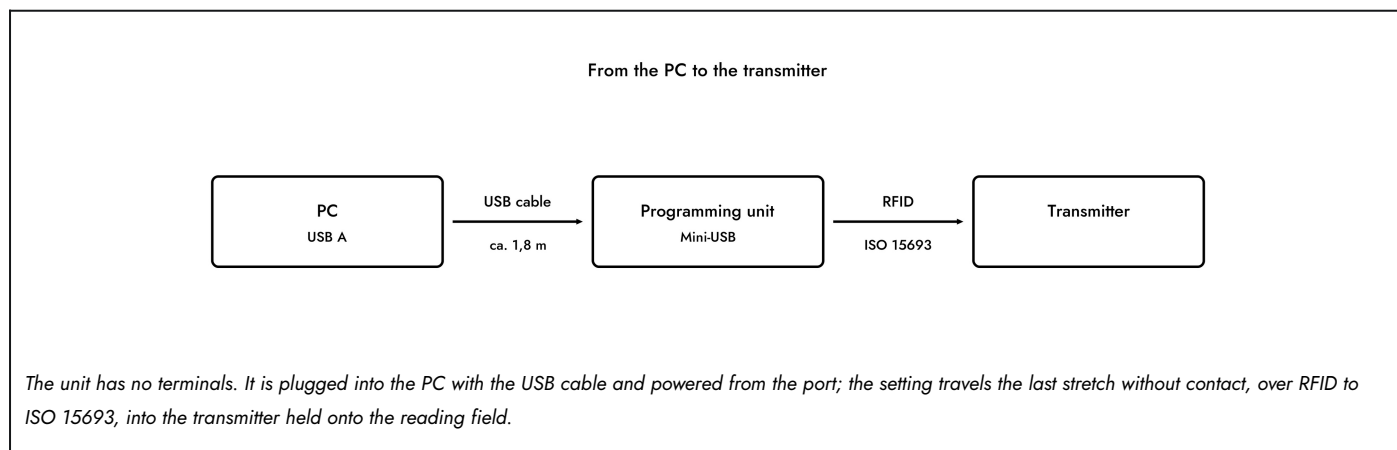
PC	USB type A
Programming unit	mini USB, 5-pole, standard
Cable length	approx. 1.8 m
Supply	5 V from the USB port

ENVIRONMENT

Operating temperature	0 ... +50 °C
Storage temperature	-40 ... +85 °C
Air humidity	30 ... 90 %, no condensation
Protection class	IP20



FROM THE PC TO THE TRANSMITTER



ACCESSORIES

USB cable	included — type A to mini USB, approx. 1.8 m
Software	included — Windows XP, 7, 8.1

The manufacturer document names no further accessories.

COMPLIANCE

	Protection class	IP20 to IEC 60529 — for indoor use
	Case material	plastics, black

The manufacturer names a CE mark with the EMC directive 2004/108/EC and EN 61326.



DIMENSIONS (mm)

