



Interface RS232- SCR(IEC)

Remote meter readout



Your benefits

- Interface converter between GWFcoder® meters and RS232 communication devices:
Easy integration into remote meter reading systems
- Transparent mode of operation:
Unchanged transfer of read-out data to the communication device
- Clearly marked connection terminals:
Easy on-site installation

Applications

- The interface is used for the addressed readout of water and gas meters with GWFcoder® registers via an RS232 connection

Properties

- Compatible with RS232 standard interface
- Addressed readout in accordance with IEC 62056-21 mode A
- Data transfer up to max. 150 m between GWFcoder® meter and interface
- Polarity independent connection of GWFcoder® meter to the interface
- DIN rail mounting
- The interface can be used to connect the GWFcoder® meter with SCR(IEC) interface to a communication device with an RS232 interface. The interface serves as a converter between the meter and communication device.
- The interface is mounted near to the communication device. In combination with remote meter readout, it is possible to read out the register readings directly from a control centre via a modem. The remote meter readout software must support the GWFcoder® data set.

Technical Data

Data transfer

GWFCoder® meter version 5.x	300 baud 7E1 mode A
GWFCoder® meter version 4.x	300 baud 7E2 mode A

The interface functions transparently and does not save data – readout data is transferred to the communication device without being modified.

Installation

The interface should be installed directly at the communication device.

Max. cable length

SCR connection cable	150 m
RS232 connection cable	2 m

Type of cable

SCR connection cable	U72 (1x4x0,8)
----------------------	---------------

Dimensions and weight

Dimensions	25x78x47 mm
Weight	app. 50 g

Application area

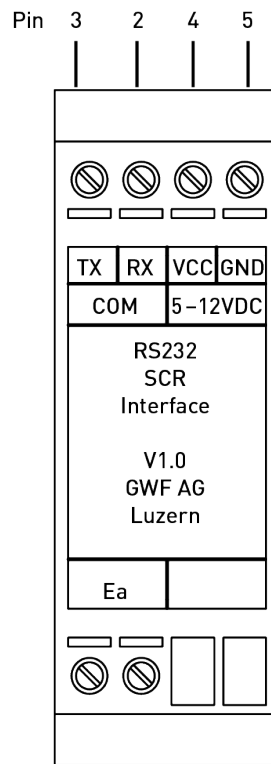
Temperature	-10 to +60 °C
Protection class	IP40

Interfaces

RS232 standard, EIA-compatible

Inductive in accordance with SCR / Protocol IEC 62056-21

Connection and signal transfer		
RS232	Interface	
2	RX	RS232 – receive path
3	TX	RS232 – transmit path
4	VCC	5–12 V DC / 10 mA Communication devices with DTR signal power > 5 V DC can be connected directly to VCC.
5	GND	Ground
	Ea	GWFCoder® register (polarity independent)



Components

