



Model Number

UC-PROG-IR-USB

Interface cable

Function

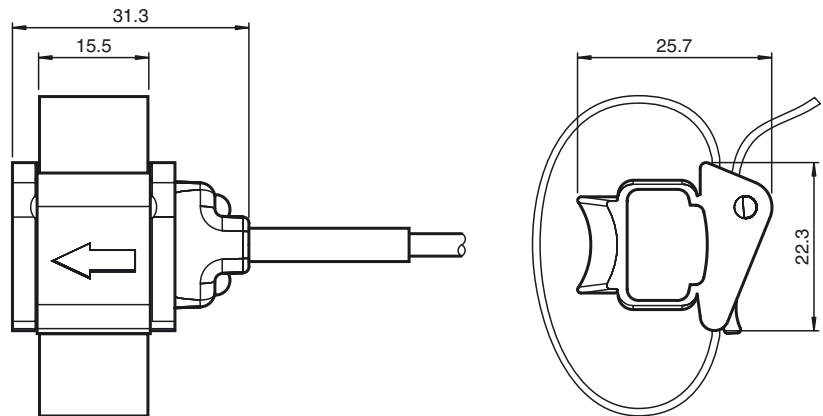
The interface cable UC-PROG-IR-USB is suitable for parameterization of ultrasonic sensors with infrared interface (IrDA). Depending on the sensor used, either the configuration tool PACTware with a DTM suitable for the sensor or the service program ULTRA-PROG-IR serves as user interface. The cable establishes a connection between the USB interface of a PC with the infrared interface of the sensor.

Accessories

ULTRA-PROG-IR

Configuration software for ultrasonic sensors

Dimensions



Technical data

Indicators/operating means

LED green	USB communication active
LED yellow	Infrared communication active

Electrical specifications

Operating current	I_B	< 100 mA
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Interface 1

Interface type	Infrared (to the sensor)
Mode	point-to-point connection

Interface 2

Interface type	USB 2.0 or higher (to the PC)
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Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)
Shock resistance	30 g , 11 ms period
Vibration resistance	10 ... 55 Hz , Amplitude \pm 1 mm

Mechanical specifications

Connection type	Cable connector with cable PUR , 3 m USB-Male Connector Typ A (Standard)
Degree of protection	IP65
Material	black polycarbonate (PC)

General information

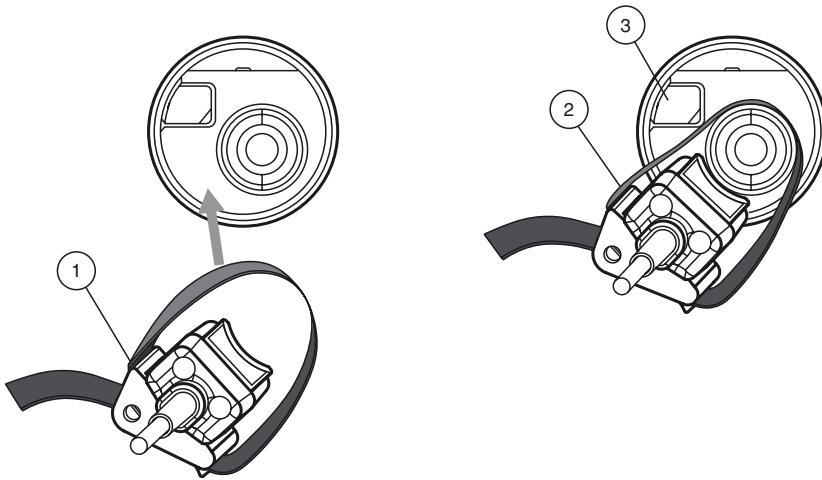
Scope of delivery	Interface cable
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Compliance with standards and directives

Standard conformity	
Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007

Note**Attaching to the Sensor**

The interface cable UC-PROG-IR-USB can be used for parameterization of the UC*-30GM70 series ultrasonic sensors with infrared interface (IrDA). A certain alignment of the sensor to the interface cable is required so that the infrared interface can establish a link.



1. Attach the interface cable (1) to the rear of the sensor with the marking arrow on the interface cable in the direction of the sensor.
2. Align the interface cable (1) to the sensor so that
 - the fastening strap of the interface cable (2) runs below the sensor stop (3).
 - the LEDs of the interface cable are as close as possible to the sensor stop (3).

Parameterization

Use the configuration software ULTRA-PROG-IR to parameterize the UC*-30GM70 series ultrasonic sensors.