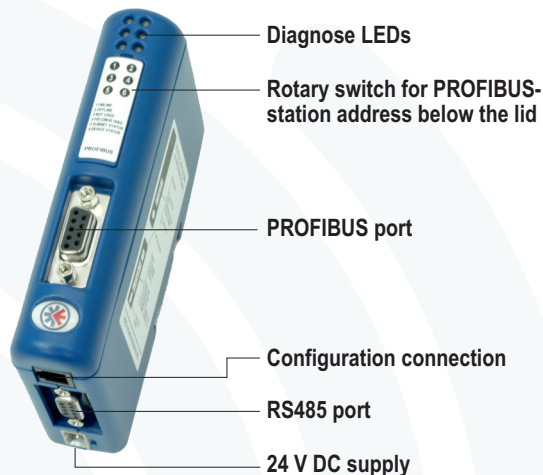


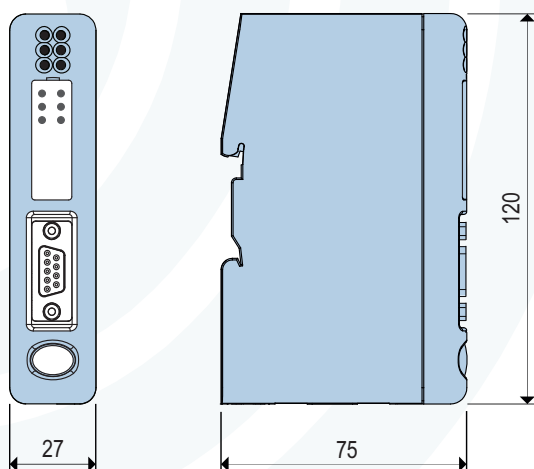
## Appliance information

### Protocol converter RS485-PROFIBUS-DP

#### Drawing



#### Dimensions



#### Use

The **KC-AB-RS485-DP** is a PROFIBUS protocol converter.

It connects the RFID reading devices KC-LG16M with the PROFIBUS-DP network and takes over the task of an interface converter.

The protocol converter realizes the complete functional range of a PROFIBUS-DP-slave.

With the MOLLET configuration the protocol converter transforms the serial reading device interface into a PROFIBUS DP protocol.

#### Connections

<b>PROFIBUS connection</b>	D sub female, 9 pole at the front panel
<b>Configuration connection</b>	RJ-11 (4P4C)
<b>RS485 connection</b>	D sub female, 9 pole at the bottom side
<b>Supply voltage</b>	plug terminal, 2 pole, up to 2.5 mm <sup>2</sup>

#### Technical data

<b>Housing</b>	plastics, blue
<b>Supply voltage</b>	24 V DC (-10% / + 10%)
<b>Current consumption</b>	≤300 mA, typical 100 mA
<b>Serial interface</b>	RS485 (2-wire) digit rate 9600 bit/s 8 data bits, 1 stop bit, no parity
<b>PROFIBUS</b>	digit rate up to 12 Mbit/s
<b>Ambient temperature</b>	0 °C ... +55 °C
<b>Relative humidity</b>	0 ... 95% non-condensing
<b>Protection class</b>	<b>IP20</b> acc. DIN EN 60529
<b>Mounting</b>	snap-on connection to DIN-rail
<b>Maintenance</b>	none
<b>Configuration</b>	MOLLET RFID-RS485-DP
<b>Weight</b>	150 g

<b>Order code</b>	<b>KC-AB-RS485-DP</b> (Anybus AB7000)
-------------------	---------------------------------------

## Appliance information

## Example of wiring for RS485 bus distributor

### Connection scheme with Anybus protocol converter

