

InLine 33307C cable gender changer

Gamintojas: **INLINE** · Modelis: **33307C** · EAN: **4043718353149** · Prekės kodas: **812877**



27,90 €

Kaina su PVM

Be PVM: **23,06 €**

Sandėlyje



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt



Aprašymas

For reliable RS485 communication in Modbus RTU and automation applications

Easy connection of RS485 devices: Connects a computer with a USB-A port to RS485 devices or bus systems, enabling communication via a virtual COM port.

Automatic data direction switching: Hardware-based switching between transmission and reception takes place automatically. No additional software configuration or control via RTS/CTS signals is required.

High operational reliability: The integrated 120 Ω terminating resistor reduces signal reflections. ESD protection, protective diodes and resettable fuses enhance operational reliability.

Wide compatibility: Supports Windows XP, 7, 8, 8.1, 10 and 11, as well as Linux, macOS, Android and Windows CE, allowing for flexible integration into existing systems.

Suitable for industrial communication applications: Supports baud rates from 300 to 512,000 b/s and is suitable for Modbus RTU networks as well as applications in industrial automation, building automation and measurement and control technology.

The InLine® USB to Serial RS485 adapter enables a connection between a computer with a USB-A port and devices or networks with an RS485 interface. Communication takes place via a virtual COM port and supports existing software solutions without the need for complex adaptations. Thanks to the FTDI FT232RNL chipset and automatic hardware-based direction switching for half-duplex operation, data transmission takes place without the need for additional software configuration. This makes the adapter suitable for configuration, diagnostic and communication tasks in Modbus RTU networks as well as other RS485 applications.

The integrated 120 Ω terminating resistor reduces signal reflections on longer bus lines. Protective diodes, a resettable fuse on the RS485 side, and

a 200 mA PTC fuse and ESD protection on the USB side enhance operational safety. In addition, a USB-powered +5 V output with up to 400 mA is available for devices with low current consumption.

Product type: USB to Serial RS485 adapter

Chipset: FTDI FT232RNL

Host connection: USB-A

Device connection: RS485 screw terminal

Pin assignment: GND, A, B, +5 V (ground, RS485+, RS485–, power supply)

Baud rate: 300 to 512,000 bps

Transmission mode: Half-duplex with automatic direction switching

Maximum RS485 cable length: up to approx. 1.2 km

Maximum USB cable length: up to approx. 5 m

Bus participants: up to 32 devices per bus segment (an RS485 repeater is recommended for larger networks)

Termination resistor: Integrated 120 Ω termination resistor

+5 V output: USB-powered 5 V output for devices with low current consumption (max. 400 mA)

USB protection: 200 mA PTC fuse, ESD protection

RS485 protection: Protection diodes, resettable fuse

Status indicators: PWR, TXD, RXD (power, transmit, receive)

Supported operating systems: Windows XP / 7 / 8 / 8.1 / 10 / 11, Linux, macOS, Android, Windows CE

Operating temperature: -40 °C to +85 °C

Humidity: 5 % to 95 % RH, non-condensing

The integrated 120 Ω terminating resistor reduces signal reflections on longer bus lines.

Automatic direction switching handles the transition between transmission and reception entirely via hardware. Configuration via RTS/CTS signals or software commands is not required.

Techninė specifikacija

Matmenys ir svoris

Svoris	0,03kg
--------	--------

Gamintojo ir saugos informacija

GAMINTOJAS

Intos Electronic AG

Siemensstraße 11, D-35394 Gießen, DE

service@inline-info.com

intos.de

PLATINTOJAS

MB KOMPIUTERIŲ GURU

V. Nagevičiaus g. 3, LT-08237 Vilnius

info@shopro.lt