

## Technical Specifications

<b>Power supply</b>	9 ... 28VDC
<b>Power consumption</b>	typ. 0.18W
<b>Interface</b>	RS485: for integration of max. 32 devices max. 1200m wire length adjustable baud rate & parity Only 8 data bits are supported.  Loxone Link: connection with Miniserver
<b>Power loss at max. load</b>	0.60W
<b>Ambient temperature</b>	-40 ... 70°C / -40 ... 158°F
<b>Humidity</b>	max. 95% r. H. (non condensing)
<b>Safety rating</b>	IP20
<b>Dimensions</b>	35.5x88x57mm / 1.4x3.46x2.24" (LxWxH)
<b>Maintenance &amp; Cleaning</b>	This device is free of main- tenance and may only be cleaned with a dry cloth.

## RS485 interface

<b>Wire cross-section</b>	0.14 ... 0.5mm <sup>2</sup> / AWG26 ... 20
<b>Stripping length</b>	7mm / 0.28"
<b>Temperature resistance</b>	-40 ... 70 °C / -40 ... 158°F

# LOXONE

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For additional information,  
declaration of conformity, visit  
[www.loxone.com/datasheets](http://www.loxone.com/datasheets)

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# LOXONE

## RS485 Extension

Part No: 100011

## About the product

The Loxone RS485 Extension is a device for automatic control and management of home automation and similar non safety critical applications.

## Installation & electrical connection

The installation of the devices has to be mounted on a DIN rail in an electrical distribution housing (Standard distribution) and may only be performed by qualified personnel.

Protection against electrical contact and fire protection must be provided in the final installation by the use of a standards compliant/approved housing.

To turn the unit on/off during installation and in case of failure, a separator (disconnecting device) must be present. These must be easily accessible and visible. If the unit is used in a non conform manner as specified by the manufacturer the product included safeguards will be impaired.

## Power Supply and Loxone Link

<b>Wire cross-section</b>	0.25 ... 0.8mm <sup>2</sup> / AWG23 ... 18
<b>Stripping length</b>	5mm / 0.2"
<b>Temperature resistance</b>	-40 ... 105°C / -40 ... 221°F

This folder is a part of the product!



For additional information,  
visit [www.loxone.com/help/rs485](http://www.loxone.com/help/rs485)

