### **Technical Specifications**

Power supply	9 28VDC
Power consumption	typ. 0.19W
Interface	Modbus RTU interface: max. 32 devices or 253 sensors max. 1200m wire length adjustable baud rate & parity data types: 16 & 32 bit polling cycle down to 1s (0.1s) Loxone Link: connection with Miniserver
Power loss at max. load	0.60W
Ambient temperature	-40 70°C / -40 158°F
Humidity	max. 95% r. H. (non condensing
Safety rating	IP20
Dimensions	35.5x88x57mm / 1.4x3.46x2.24" (LxWxH)
Maintenance & Cleaning	This device is free of main- tenance and may only be cleaned with a dry cloth.

### **Modbus interface**

Wire cross-section	0.14 0.5mm² / AWG26 20
Stripping length	7mm / 0.28″
Temperature resistance	-40 70 °C / -40 158°F

# LOXONE

Loxone Electronics GmbH Smart Home 1 4154 Kollerschlag Austria Loxone UK The Forum Station Road Theale, RG7 4RA United Kingdom



For additional information, declaration of conformity, visit www.loxone.com/datasheets



LOXONE

## Modbus Extension

Part No: 100124

#### About the product

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

### Installation & electrical connection

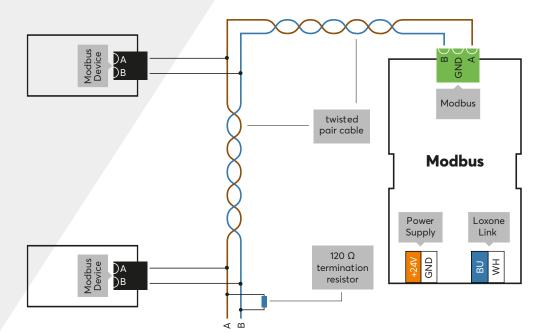
The installation of the devices has to be mounted on a DIN rail in an electrical distribution housing (Standard distribution) and may only be performed by qualified personnel.

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**

Wire cross-section	0.25 0.8mm² / AWG23 18
Stripping length	5mm / 0.2"
Temperature resistance	-40 105°C / -40 221°F



This folder is a part of the product!



For additional information, declaration of conformity, visit www.loxone.com/help/modbus