

Technical Specifications

Power supply	9 ... 28VDC
Power consumption	max. 110mW
Interface	1-Wire : max. 20 sensors, max. 50mA or one iButton key reader max. wire length depending on wiring topology: 100 ... 300m Loxone Link: connection with Miniserver
Power loss at max. load	310mW
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.

1-wire interface

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

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1-Wire Extension

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V270420

Part No: 100014

About the product

The Loxone 1-Wire 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 ... 0.8mm ² / 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/1-wire

