

## Technical Specifications

<b>Power supply</b>	9 ... 28VDC
<b>Power consumption</b>	typ. 250mW
<b>Digital inputs</b>	20 digital inputs  logic 0: 0 ... 7.1V undefined: 7.1 ... 9.7V logic 1: 9.7 ... 28V (Ri=67kOhm)  useable as frequency counter: max. frequency: 250Hz min. pulse width: 2ms Accuracy: + - 1Hz
<b>Interfaces</b>	Loxone Link: connection with Miniserver
<b>Power loss</b>	max. 500mW
<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 maintenance and may only be cleaned with a dry cloth.

## Power Supply & 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

## Digital inputs

<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

# LOXONE

## Need Help?

[loxone.com/support](http://loxone.com/support)

# DI Extension

Loxone Electronics GmbH  
Smart Home 1  
4154 Kollerschlag  
Austria

[loxone.com](http://loxone.com)



VZ70420

Part No.: 100283

## About the product

The Loxone DI Extension has 20 digital inputs for devices that provide volt free contact closures, such as switches, push-buttons and other sensors. The inputs can also be used as frequency counters for signals up to 250Hz. This product is designed for the use in smart home and similar non-safety critical applications.

## Features

- 20 digital inputs
- frequency counter

## Installation

The installation of this device must be carried out by a qualified individual. The device must also be fitted in accordance with building regulations for electrical and fire safety. If the device is not installed according to manufacturer's guidelines the warranty of the device may be affected. Mount the DI Extension on a DIN rail. Connect SELV, Loxone Link and digital inputs.

**Attention:** Terminate the last Loxone-Extension at the Loxone-Link with a 120Ω resistor (Included with the Miniserver). After the installation has been completed turn on the power supply and configure the device in the usual simply way using the free configuration tool Loxone Config.

This folder is a part of the product!



For additional information, declaration of conformity, visit [www.loxone.com/help/di\\_extension](http://www.loxone.com/help/di_extension)

