

## Technical Data

<b>Power supply</b>	9 ... 28VDC
<b>Power consumption</b>	typ. 0.10W
<b>Analogue Inputs 1-4 for DC voltage signals (differential)</b>	-25...0...25V Resolution: 0.02V, Ri: 2.3M $\Omega$  when used digital: logic 0: 0...0.5V undefined: 0.6...1.5V logic 1: 1.6...2.8V
<b>Analogue Inputs 5-8 for DC current signals</b>	-30...0...30mA Resolution: 0.05mA Ri: 105 $\Omega$
<b>Interfaces</b>	Loxone Link: connection with Miniserver
<b>Power loss at max. load</b>	0.58W
<b>Ambient Temperature</b>	-40 ... 70°C / -40...158°F
<b>Humidity</b>	max. 95% r.H. (non condensing)
<b>Degree of protection</b>	IP20
<b>Maintenance &amp; Cleaning</b>	This device is free of maintenance and must only be cleaned with a dry cloth.



For more information  
about this product, visit  
[www.loxone.com/help/ai-extension](http://www.loxone.com/help/ai-extension)

**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  
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Part No.: 100471

# LOXONE

# AI Extension

## About the product

The AI Extension features 4 inputs for analogue voltage signals like 0-10V or digital, as well as 4 analogue inputs for current signals like 0/4-20mA.

## Installation & electrical connection

The installation of this device has to be carried out by a qualified person. The device has to be fitted in accordance with building regulations for electrical and fire safety. If the device is not installed according to manufacturer's guidelines the protection of the device may be affected.

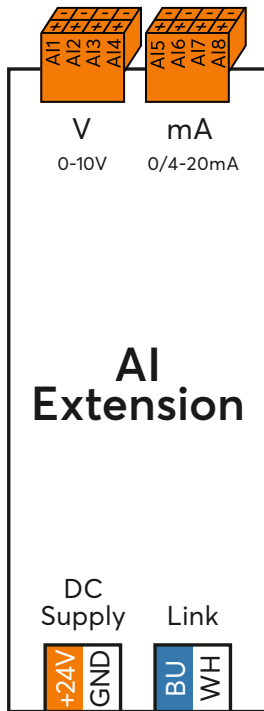
## Connections

### Power Supply & Loxone Link

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

### Analog Inputs

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



SN

AI1

AI2

AI3

AI4

AI5

AI6

AI7

AI8