

Technical Data

Power supply	9 ... 28VDC
Power consumption	typ. 0.10W
Analogue Inputs 1-4 for DC voltage signals (differential)	-25...0...25V Resolution: 0.02V, Ri: 2.3M Ω when used digital: logic 0: 0...0.5V undefined: 0.6...1.5V logic 1: 1.6...2.8V
Analogue Inputs 5-8 for DC current signals	-30...0...30mA Resolution: 0.05mA Ri: 105 Ω
Interfaces	Loxone Link: connection with Miniserver
Power loss at max. load	0.58W
Ambient Temperature	-40 ... 70°C / -40...158°F
Humidity	max. 95% r.H. (non condensing)
Degree of protection	IP20
Maintenance & Cleaning	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

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

V200223

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AI Extension

Part No.: 100471

LOXONE

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.

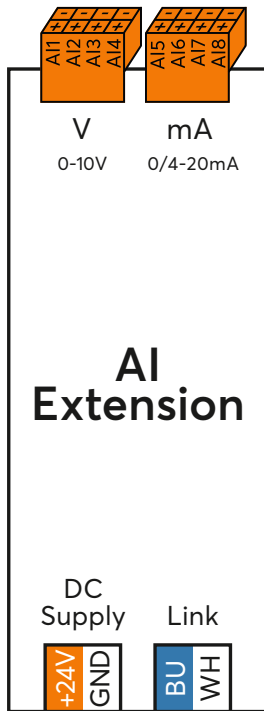
Connections

Power Supply & Loxone Link

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

Analog Inputs

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



SN

AI1

AI2

AI3

AI4

AI5

AI6

AI7

AI8