Technical Data

Power supply	9 ... 28VDC
Power consumption	typ. 0.30W, max. 0.58W
Analogue Inputs 1-4 for DC voltage signals (differential)	-25…0…25V Resolution: 0.02V, Ri: 2.3MΩ when used digital: logic 0: 0…0.5V undefined: 0.6…1.5V logic 1: 1.6…28V
Analogue Inputs 5-8 for DC current signals	-30...0...30mA Resolution: 0.05mA Ri: 105Ω
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**

⚠️

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

V140422

Need Help?
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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.
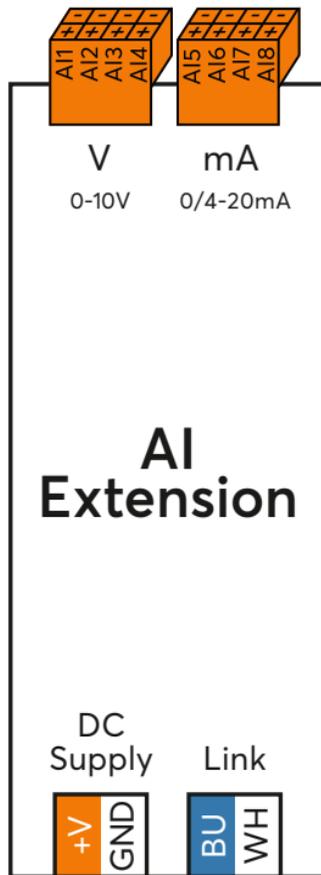
Connections

Power Supply & Loxone Link

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

Analog Inputs

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

AI1 AI2 AI3 AI4   AI5 AI6 AI7 AI8

V
0-10V

mA
0/4-20mA

AI
Extension

DC
Supply

Link

+V GND   BU WH

SN

AI1

AI2

AI3

AI4

AI5

AI6

AI7

AI8