

Datasheet

AO Extension

Part No: 100382



About the product

The AO Extension provides 4 analog 0-10V outputs on only two divider units – perfect for transmitting analog control signals in the 0-10V range.

- 4 analog outputs (0-10V) max. 20mA
- save space with only 2 division units
- ETL Listed, CE certified and tested

Technical data

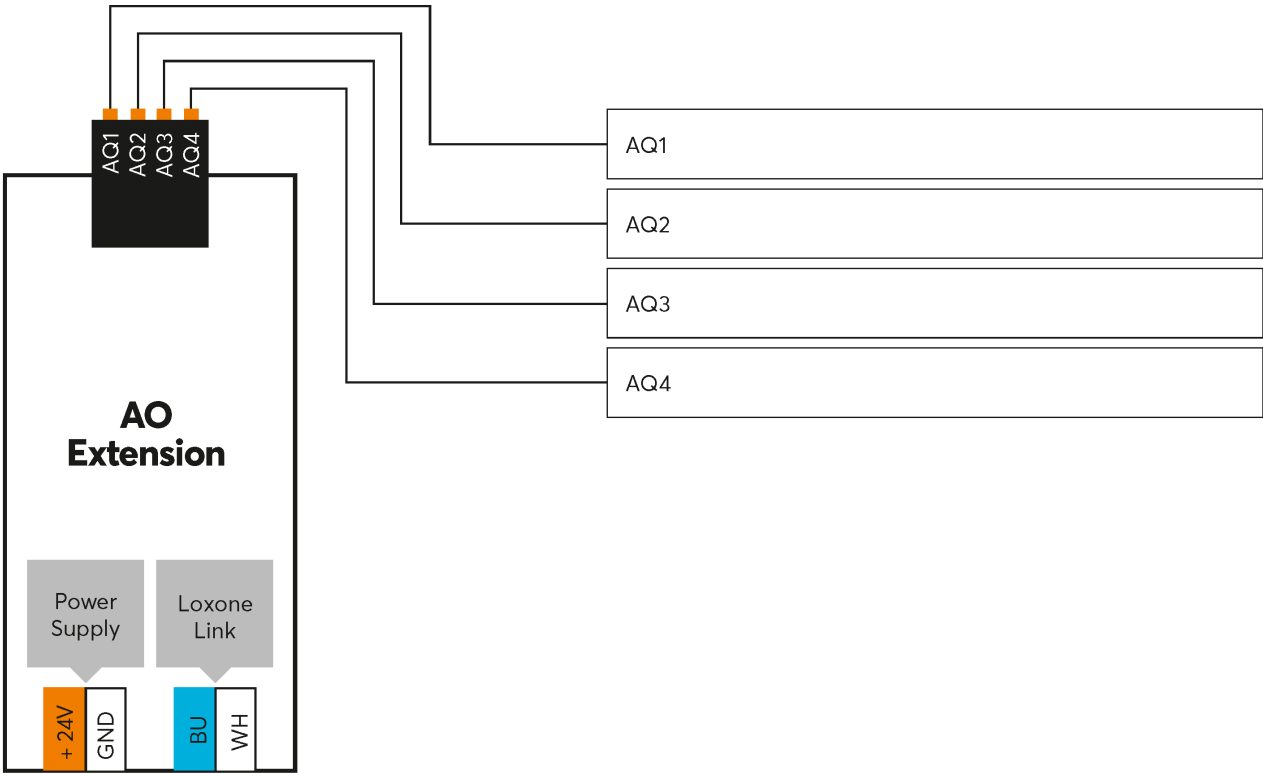
Power supply	14 ... 28VDC
Power consumption	typ. 110mW, max.1.26W
Outputs	4 analogue outputs 0 ... 10V Momentary output: max. 20mA Continuous output: max. 10mA
Interfaces	Loxone Link: Connection with Miniserver
Power loss at max. load	1.26W
Temperature range	0 ... 55°C / 32 ... 131°F
Humidity	max. 95% r.H. (non condensing)

Connections

	analogue outputs	Power supply & Loxone Link
Wire cross-section	0.14 ... 0.5mm² / AWG26 ... 20	0.25 ... 0.8mm² / AWG23 ... 18
Stripping length	7mm / 0.28"	5mm / 0.2"
Temperature resistance	-40 ... 70 °C / -40 ... 158°F	-40 ... 105°C / -40 ... 221°F

Orange / White	-	+24VDC / GND
Blue / White	-	Loxone Link

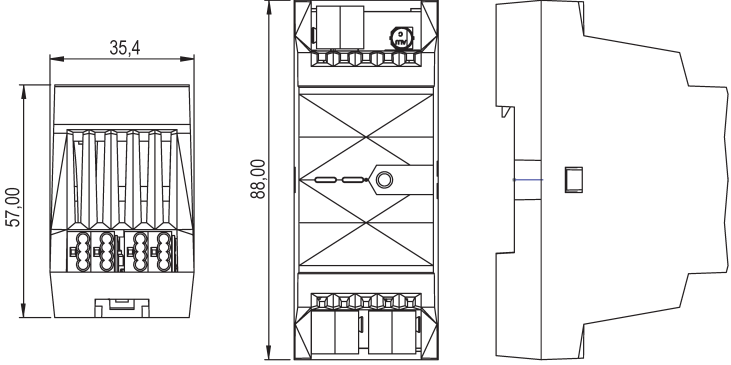
Connection diagram



Product features

Mounting type	DIN rail according to EN50022, 35mm
Colours	Black: RAL 9005
Finish	Matte

Weight & dimensions

Net weight	338g
Total weight	412g
Product dimensions	35.5x88x57mm / 1.4x3.46.2.24 (LxWxH), 2 division units
	 The image contains three technical drawings of a small electronic device. The front view on the left shows a rectangular device with a width of 35.4 mm and a height of 57.00 mm. It features a series of vertical lines in the center and four circular elements at the bottom. The side view in the middle shows a height of 88.00 mm and a complex internal structure with various components. The top view on the right shows the device's profile, which is wider at the top and tapers towards the bottom.
Pack size	180x110x65mm / 7.08x4.33x2.56" (LxWxH)

Certifications & Standards

Safety rating	IP20
Certifications	UL 62368-1  CSA C22.2#62368-1 Intertek

Installation must be carried out by a qualified electrician in accordance with the relevant regulations.

Datasheet

AO Extension

Artikel Nr.: 100382



Über das Produkt

Die AO Extension bringt 4 analoge 0-10V Ausgänge auf nur zwei Teilungseinheiten mit sich - perfekt zur Übertragung analoger Steuersignale im Bereich 0-10V.

- 4 analoge Ausgänge (0-10V) max. 20mA
- platzsparend dank nur 2 Teilungseinheiten
- für den Einsatz im Loxone Smart Home entwickelt
- CE zertifiziert und geprüft

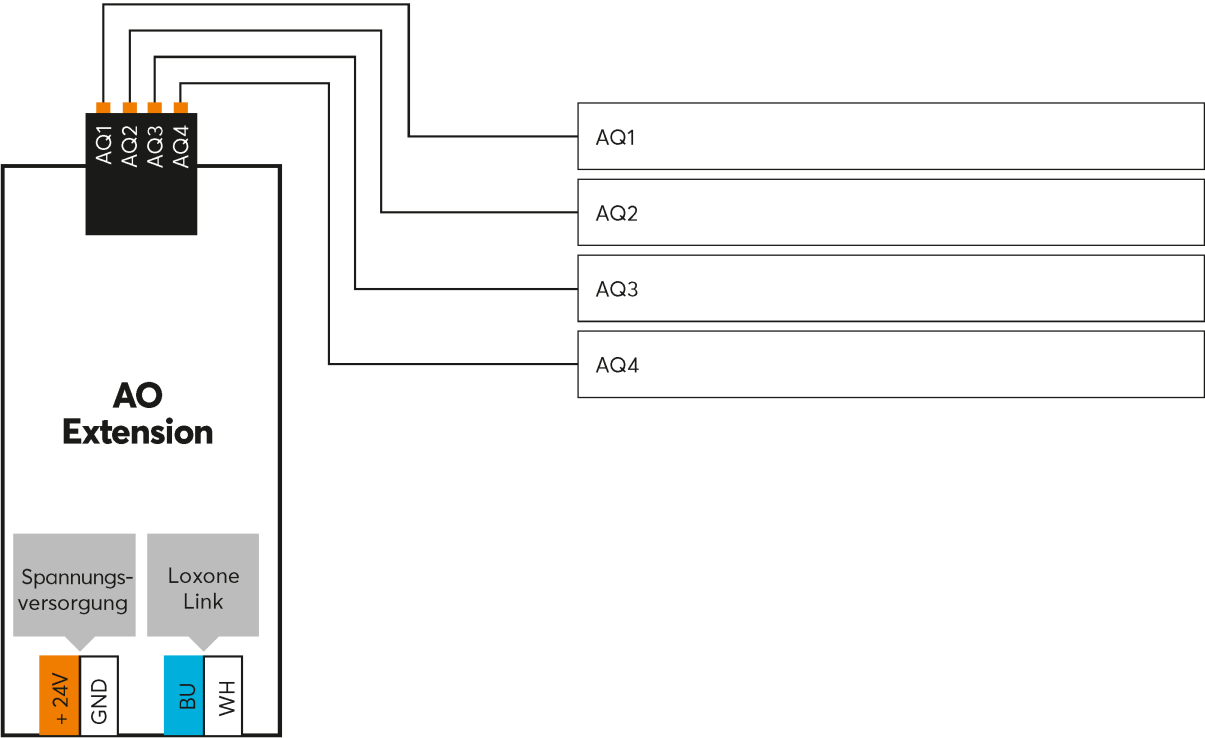
Technische Daten

Spannungsversorgung	14 ... 28VDC
Leistungsaufnahme	typ. 110mW, max. 1.26W
Ausgänge	4 analoge Ausgänge 0 ... 10V Momentane Leistung: max. 20mA Kontinuierliche Leistung: max. 10mA
Schnittstellen	Loxone Link: Verbindung mit Miniserver
Verlustleistung bei max. Last	1.26W
Umgebungstemperatur	0 ... 55°C / 32 ... 131°F
Luftfeuchtigkeit	max. 95% r.H. (nicht kondensierend)

Anschlüsse

	analoge Ausgänge	Spannungsversorgung & Loxone Link
Leiterquerschnitt	0,14 ... 0,5mm² / AWG26 ... 20	0,25 ... 0,8mm² / AWG23 ... 18
Abisolierlänge	7mm / 0,28"	5mm / 0,2"
Temperaturbeständigkeit	-40 ... 70 °C / -40 ... 158°F	-40 ... 105°C / -40 ... 221°F
Orange / Weiß	-	+24VDC / GND
Blau/ Weiß	-	Loxone Link

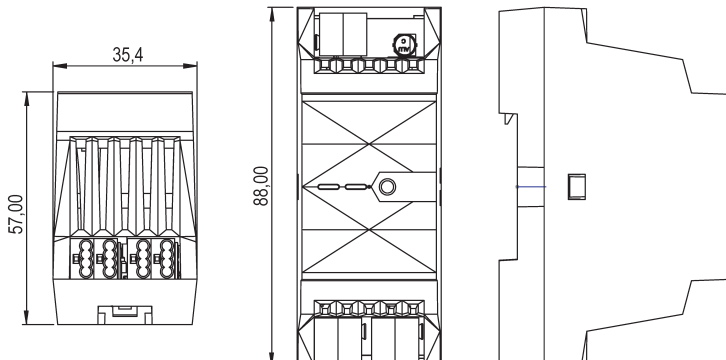
Anschlussplan



Produkteigenschaften

Montageart	Hutschiene nach EN50022, 35mm
Farbe	Schwarz: RAL 9005
Glanzgrad	Matt

Gewicht & Abmessungen

Nettogewicht	338g
Bruttogewicht	412g
Produktmaße	35,5x88x57mm / 1,4x3,46.2,24 (LxWxH), 2 Teilungseinheiten
	 The technical drawings show the device from three perspectives: front, side, and top. The front view shows a width of 35,4 mm and a height of 57,00 mm. The side view shows a depth of 88,00 mm. The top view shows the device's profile. The device is a small, rectangular unit with a front panel featuring a display and buttons.
Packmaß	180x110x65mm / 7,08x4,33x2,56" (LxBxH)

Zertifizierungen & Standards

Schutzart	IP20
Zertifizierungen	UL 62368-1 RECOGNIZED COMPONENT  CSA C22.2#62368-1 Intertek

Die Installation muss nach den einschlägigen Vorschriften durch eine Elektrofachkraft erfolgen.

Veröffentlicht von
Loxone Electronics GmbH
 Smart Home 1
 4154 Kollerschlag
 Austria
 Tel: +43 7287 7070-0
 loxone.com