

## Datasheet

### DI Extension

Part No: 100283

#### About the product

The Loxone DI Extension features 20 digital inputs.



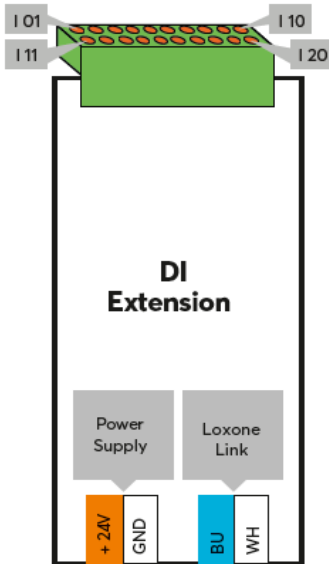
#### Electrical Data

Power supply	9 ... 28VDC
Power consumption	typ. 250mW
Inputs	<p>20 digital inputs</p> <p>logic 0: 0 ... 7.1V undefined: 7.1 ... 9.7V logic 1: 9.7 ... 28V (Ri=67kOhm)</p> <p>useable as frequency counter: max. frequency: 250Hz min. pulse width: 2ms Accuracy: + - 1Hz</p>
Interfaces	Loxone Link: connection with Miniserver
Power loss	max. 500mW
Ambient temperature	-40 ... 70°C / -40 ... 158°F
Humidity	max. 95% r.H. (non condensing)

#### Connections

	Power supply & Loxone Link	Digital inputs
Wire cross-section	0.25 ... 0.8mm <sup>2</sup> / AWG23 ... 18	0.14 ... 0.5mm <sup>2</sup> / AWG26 ... 20
Stripping length	5mm / 0.2"	7mm / 0.28"
Temperature resistance	-40 ... 105°C / -40 ... 221°F	-40 ... 70 °C / -40 ... 158°F

## Connection Diagram

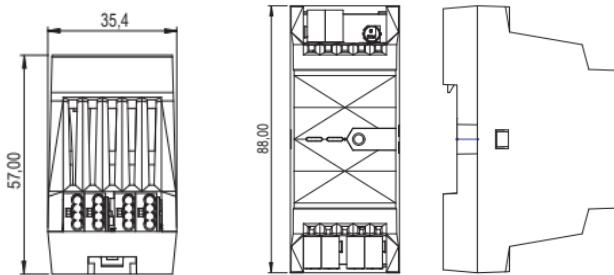


## Product Characteristics

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



## Weight & Dimensions

Net weight	338g
Total weight	412g
Product dimensions	35.4x88x57mm / 1.4x3.46x2.24" (LxWxH)



Pack size	121x38x62mm / 4.76x1.50x2.44" (LxWxH)
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## Certifications & Standards

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

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

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

## Datenblatt

### DI Extension

Art. Nr. 100283



### Information zum Produkt

Die Loxone DI Extension stellt 20 Digitaleingänge zur Verfügung.

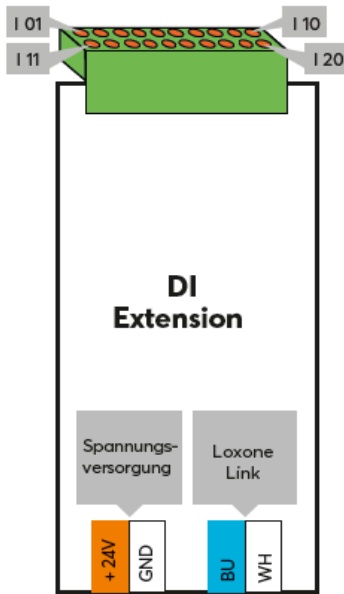
#### Elektrische Daten

Spannungsversorgung	9 ... 28VDC
Leistungsaufnahme	typ. 250mW
Eingänge	<p>20 digitale Eingänge</p> <p>logisch 0: 0 ... 7,1V undefiniert: 7,1 ... 9,7V logisch 1: 9,7 ... 28V (Ri=67kOhm)</p> <p>als Frequenzzähler verwendbar: max. Frequenz: 250Hz minimale Impulsbreite: 2ms Genauigkeit + - 1Hz</p>
Schnittstellen	Loxone Link: Verbindung mit Miniserver
Verlustleistung	max. 500mW
Umgebungstemperatur	-40 ... 70°C / -40 ... 158°F
Luftfeuchtigkeit	max. 95% r.H. (nicht kondensierend)

#### Anschlüsse

	Spannungsversorgung & Loxone Link	Digitale Eingänge
Leiterquerschnitt	0,25 ... 0,8mm <sup>2</sup> / AWG23 ... 18	0,14 ... 0,5mm <sup>2</sup> / AWG26 ... 20
Abisolierlänge	5mm / 0,2"	7mm / 0,28"
Temperaturbeständigkeit	-40 ... 105°C / -40 ... 221°F	-40 ... 70 °C / -40 ... 158°F

## Anschlussplan

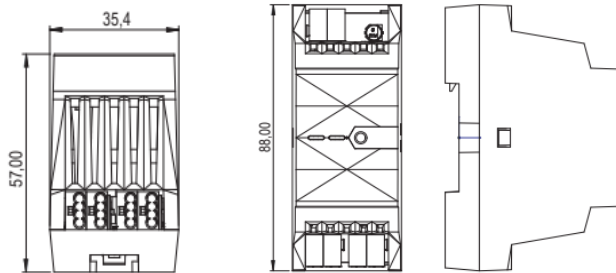


## Produkteigenschaften

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



## Gewicht & Abmessungen

Nettogewicht	338g
Bruttogewicht	412g
Produktmaße	35,4x88x57mm / 1,4x3,46x2,24" (LxBxH)



Packmaß	121x38x62mm / 4,76x1,50x2,44" (LxBxH)
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## Zertifizierungen & Standards

Schutzart	IP20
Zertifizierungen	UL 62368-1 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