

# RAD-IN-4A-I - Extension module



2867115

<https://www.phoenixcontact.com/us/products/2867115>

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Analog extension module with 4 analog current inputs 4 mA ... 20 mA



## Commercial data

Item number	2867115
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DN26
Product key	DNC654
GTIN	4017918929626
Weight per piece (including packing)	172.9 g
Weight per piece (excluding packing)	172.9 g
Customs tariff number	85177090
Country of origin	CA

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## Technical data

### Product properties

Product type	Extension module
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### Electrical properties

Maximum power dissipation for nominal condition	3.12 W
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#### Brake to be connected

Connection method	Screw connection
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#### Supply

Supply voltage range	9 V DC ... 30 V DC (via bus foot)
Typical current consumption	100 mA
Max. current consumption	130 mA

### Input data

#### Analog

Description of the input	Current input
Number of inputs	4
Current input signal	4 mA ... 20 mA
Input resistance current input	< 170 $\Omega$

### Output data

#### Analog

Resolution	16 bit
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### Connection data

Connection method	Screw connection
Stripping length	8 mm
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Cross section AWG	24 ... 14
Screw thread	M3

### Dimensions

Width	22.5 mm
Height	99 mm
Depth	114.5 mm

### Material specifications

Color (Housing)	green (RAL 6021)
Material (Housing)	Polyamide

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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 65 °C -4 °F ... 149 °F
Ambient temperature (storage/transport)	-40 °C ... 85 °C

## Approvals

### CE

Certificate	CE-compliant
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### UL, USA/Canada

Identification	Class I, Div. 2, Groups A, B, C, D
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## Mounting

Assembly note	on standard DIN rail NS 35 in accordance with EN 60715
Mounting position	any

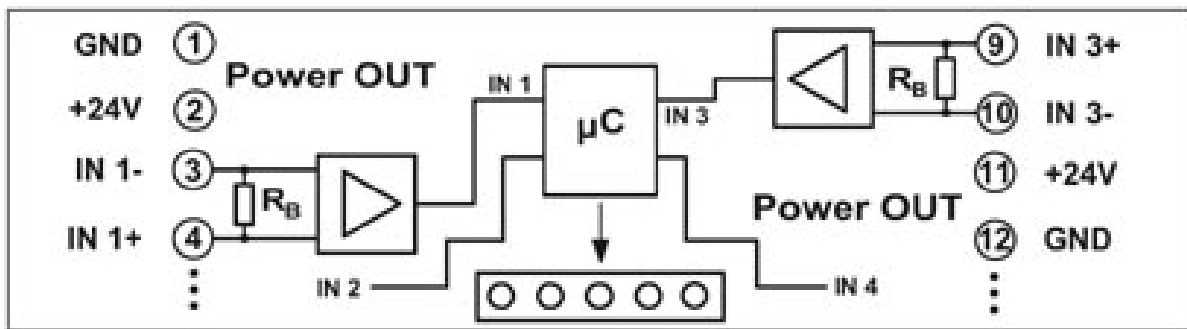
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## Drawings

Block diagram



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## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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