



The LOYCNV-PT1008 is a PT1000 to 0-10V interface containing eight channels for resistance to voltage conversion on devices with IOs or UIs (e.g. L-IOB, LROC-40x, ...).

Features

- PT1000 interface for L-IOB, LROC-40x, ...
- Converts up to eight PT1000 sensors in 2-wire connection (common GND)

Specifications

Dimensions (mm)	55 x 100 x 60 (L x W x H), DIM086
Installation	DIN rail mounting following DIN 43880, top hat rail EN 50022
Power supply	24 V DC $\pm 10\%$
Power consumption	approx. 0.7 W
Operating conditions	0 °C to 50 °C, 10 – 90 % RH, noncondensing, degree of protection: IP40, IP20 (terminals)
Input	8x PT1000 (2-wire connection)
Output	8x 0 – 10 V
Conversion range	-60 – 100 °C
For use with	L-IOB, LROC-40x, ...

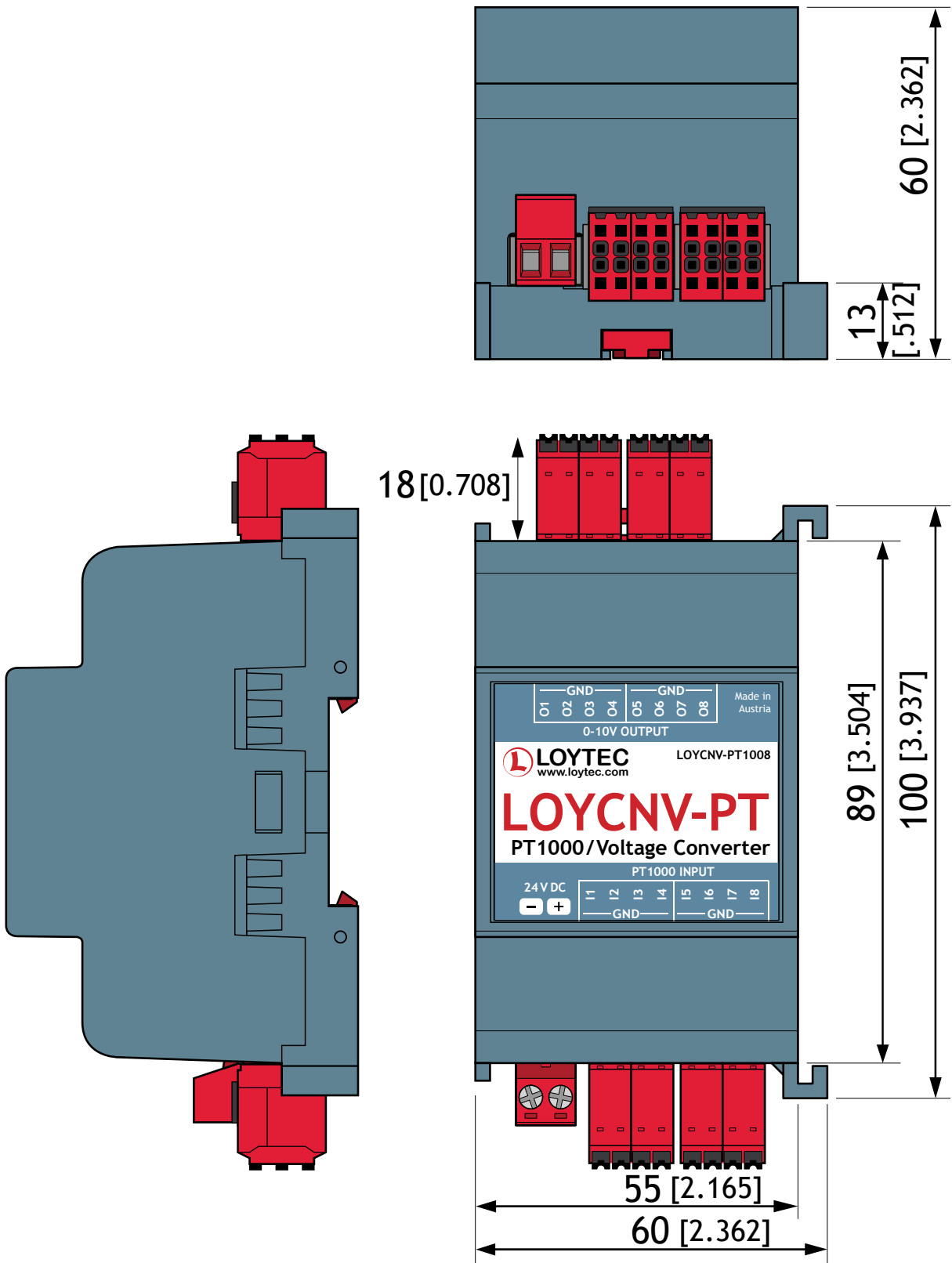
In conjunction with bidirectional L-IOB IO terminals

Typ. accuracy	± 0.2 K
Max. error	$\pm (0.8$ K + max. 0.4% of range)
Resolution	0.04 K
Temperature coefficient	10 ppm/K of range

Order number	Product description
LOYCNV-PT1008	8x PT1000 to 0-10 V converter

Dimensions of the devices in mm and [inch]

DIM086 LOYCNV-PT1008



The products of LOYTEC electronics GmbH are subject to constant development. Therefore, LOYTEC reserves the right to modify technical specifications at any time without prior notice. The most recent datasheet can be downloaded from www.loytec.com.