

## Opto-insulated interface OPTO PNP-NPN

Written by emmeci

Monday, 30 November 2009 14:10 - Last Updated Thursday, 18 September 2014 13:43

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**OPTO PNP-NPN** is an opto-isolated interface used to transfer direct current signals even at high

It is particularly suitable for replacing the electro-mechanical relays in applications that require speed, re

Possible applications:

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- Conversion of PNP signals to NPN signals and vice versa
- Transfer of digital signals between different systems, maintaining galvanic isolation
- Boosting of outputs of sensors and other digital systems in low current

Its compactness makes it suitable for use in systems where the space occupied is of crucial importance.

### SPECIFICATIONS

DIMENSIONS (length x width x height)

93 x 30 x 48 mm

FIXTURE

DIN guide

CONNECTIONS

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Screw-on terminals for cable max. 0.75 mm

INPUT VOLTAGE

5-30Vcc

OUTPUT VOLTAGE

12-30Vcc

MAX OUTPUT CURRENT

100mA

MAX OPERATING TEMPERATURE \*

40°C

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RISE TIME OF OUTPUT SIGNAL

MAX 10 $\mu$ s

FALL TIME OF OUTPUT SIGNAL

MAX 150 $\mu$ s

MINIMUM INSULATION VOLTAGE

200V

\* Maximum ambient temperature withstood by the device used in maximum load conditions.