Image 1: Inductive-hall converter

- 12 V Supply
- Sensor max voltage: 150 V

General

The inductive-hall Converter is used to convert an inductive-type signal to hall-type digital signal. This converter is used when you want to connect an inductive sensor to one of the digital inputs. With this converter we can, for example, measure the wheel speed of a vehicle using an inductive sensor and the digital input of the ECU.

Technical Specifications

Electrical characteristics

Supply voltage: 7,5 – 15 V

Consumption: <10 mA

Min sensor voltage: 100 mV

Max sensor voltage: 150 V

Digital output voltage: 0 – 5 V

Mechanical characteristics

Temperature range: -20 up to 80ºC

Dimensions: 15 x 25 x 50 mm

Weight: 80g

Resin enclosure

Pinout

Wire	Function
Black	GND
Red	12V
Blue	Signal
Black / Yellow	Sensor +
Black / White	Sensor -