

Z112D - DUAL POWER SUPPLY / AMPLIFIER FOR ON/OFF SENSORS with galvanic separation

Dual amplifier with power supply for proximity sensors.

The instrument features galvanic separation at three points: input / output / power supply with 1500 Vac insulation.

Provided with 2 independent optoisolated inputs for reed contact, 2 and 3 wire npn sensor with 12 and 24 Vdc power supply, NAMUR sensor, 24 Vdc pulse, photoelectric sensor and Hall effect sensor. The two outputs are on two reed relays with 1 SPST contact (capacity 0.1 A 30 Vdc-ac resistive load) with common line.

Three LEDs on front panel signal instrument powered and relays energized.

The "V0" self-extinguishing glass filled nylon case is the width of 1 DIN module and is designed to fit on 35 mm mounting rail (DIN 46277).

**TECHNICAL DATA**

- Power supply : 19 - 40 Vdc / 19 - 28 Vac
- Power consumption : max 2,5 W
- Galvanic separation supply // input // output : 1500 Vac
- Input: 2 independent optoisolated inputs from reed, 2/3 wire npn 12 and 24 Vdc, Namur, 24 Vdc pulse, photoelectric sensor and Hall effect sensor
- Output: 2 independent reed relays each with 1 SPDT changeover with capacity 0.1 A 30 Vdc-ac (resistive load)
- Operating temp. : 0 / + 50 °C (see also [Installation information](#))
- Humidity : 30 / 90% a +40 °C (non-condensing)
- Dimensions (b x h x d) : 17,5 x 100 x 112 mm
- Weight : approx. 200 g.
- [Other general features](#)