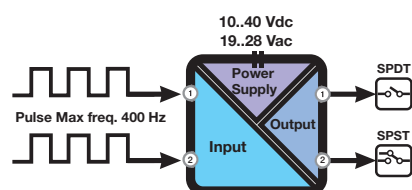




Z112A - Z112D

AMPLIFIERS FOR ON/OFF SENSORS



Z112 is an amplifier for ON/OFF sensors and provides a relay output. It's available as single channel (Z112A) or independent double channel (Z112D).

The single channel dispose also of pulse division system (from 1 to 256). Also the length of pulse output is configurable from 100ms to 500ms. A 3-way galvanic isolation among Power supply // input // output circuits assures the integrity of your datas.

TECHNICAL SPECIFICATIONS

General Data

Power supply	19..40 Vdc / 19..28 Vac / 50-60 Hz
Power consumption	2,5 W
Isolation	1.500 Vac (3 way)
Transducer Power Supply	Yes
Accuracy	-
Response time	-
Status Indicators	Power supply, error, data transmission, data reception, input status
Settings	Dip- switches
Mounting	35 mm DIN rail guide
Protection Degree	IP20
Operating Temperature	0..+50 °C
Dimension (W x H x D)	17.5 x 100 x 112 mm

Input

Channel Numbers	1 (Z112A) 2 (Z112D)
Pulse	Contact optoisolated Reed npn 2/3 wires- 12..24 Vdc pnp 3 wires, power supply 24 Vdc NAMUR Pulses 24 Vdc Photoelectric sensor Hall effect sensor Max frequency 400 Hz (Z112A), 10 Hz (Z112D)

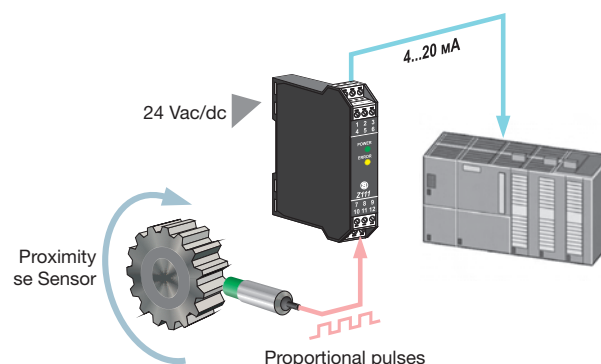
Output

Channel Numbers	1 (Z112A) 2 (Z112D)
RELAY	Z112A: relay SPDT 1 A - 30 Vdc o 5 A - 250 Vac (resistive load) Z112D: reed relay SPST, max load 0,5 A - 100 Vdc-ac (10 VA resistive load)

Standard

Approval	CE
Norms	EN 50081-2; EN 55011; EN 50082-2; EN 61000-2-2/4; EN 50140/141; EN 61010-1




APPLICATION NOTE



ORDER CODES

Code	Description
Z112A	Amplifiers for ON/OFF sensors, power supply 19..40 Vdc / 19..28 Vac
Z112D	Dual channel amplifier for ON/OFF sensors, power supply 19..40 Vdc / 19..28 Vac

SIMILAR PRODUCTS

		
K112 Universal digital coupler/ isolator pg. 112	K111 Isolated dual output frequency trip amplifier pg. 111	S311D Frequency / digital input indicators - totalizers pg. 124