Z113-1

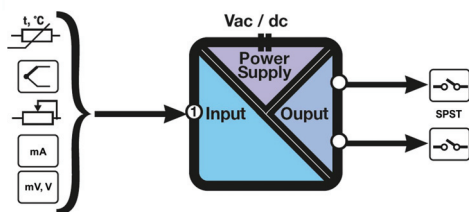## DOUBLE ALARM THRESHOLD WITH UNIVERSAL INPUT AND RELAY OUTPUT

- Power Supply 10..40 Vdc, 19..28 Vac

- Transducer power supply

- Isolation 1.500 Vac between Power supply and input , 3.000 Vac in output

- Nr 1 configurable input as mA, V, Ohm, RTD, TC

- Nr 2 thresholds relay SPST, 3 A, 250 Vac

- Configuration through software and Micro USB port (EASY SETUP)

Z113-1

DOUBLE ALARM THRESHOLD WITH UNIVERSAL INPUT AND RELAY OUTPUT

Z113-1 is an alarm threshold with two relay output SPST from 3A 250V with a common contact. The module allows to select the input type via DIP-switch: voltage, current, potentiometer, thermocouple (TC), thermoresistance (RTD). Input, output, input filter, rejection and burn-out can be configured through Software (via front USB port),

Technical Specifications

General Data

Power supply	10..40 Vdc; 19..28 Vac
Transducer Power Supply	Yes, current input (mx 17 V – 20 mA)
Power consumption	2,5 W
Isolation	1.500 V between input and Power supply (3.000 V output)
Protection Degree	IP20
Status Indicators	Power supply, error, data transmission, data reception, input status
Connections	Terminals Micro USB Front
Settings	Software (EASY SETUP) through USB
Operating Temperature	-10..+65°C
Weight	140 g
Dimension	100 x 112 x 17,5 mm (W x H x D)
Enclosure	PBT, black

Input

Channel Numbers	1
Resolution	14 bit
Sampling time	16,66 ms..20 ms
Filter	0..19
Response time	Sampling time + 6 ms
Accuracy	0,1%
Type	Voltage: 0..10 V (impedance 120 kΩ) Current: 0..20 mA (active/passive connection; internal shunt 50 Ω; power supply from the sensor) Potentiometer: 1 .. 100 kΩ (1 mA excitation current) TC: J,K,R,S,T,B,E,N, autodetection burn-out RTD: Pt100, Pt500, Ni100, Pt1000 (2,3,4 wire)

Output

Channel Numbers	2
Type	Relay SPST 3A, 250 Vac

STANDARD

Approval	CE
Norms	EN 61000-6-4 EN 61000-6-2 EN 61010-1

ORDER CODES

Code	Description
Z113-1	double alarm threshold with universal input and relay output, power supply 10..40 10.. 40 Vdc, 19..28 Vac
EASY SETUP	Plug & Play configuration software Free download on www.seneca.it
CAVO-USB-A-MICRO-B	USB – Micro USB programming cable