

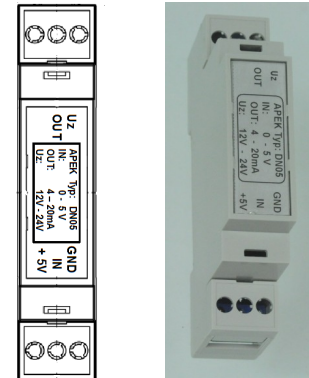
4-20ma transducer for accelerometers and inclinometers, type DN05.

DN05

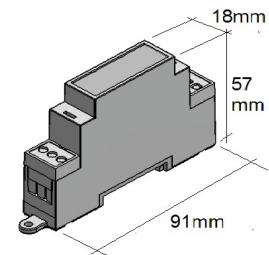
DN05 type transducer converts the voltage signal : 0-5V from Apek sensor type MAxx and potentiometric sensors, to current signal : 4-20mA. It is designed specifically to work with accelerometers, vibration sensors : type MAxx and sensors measure the angle : Type MIxx . The transducer is single-channel , two-wire current loop , serves one chosen channel for sensors two or three-of canal. The transducer is placed in the housing for DIN rail D1MG . It has two screw connection : input - three-wire and output - two-wire . This allows easy installation of the transmitter.

Technical data:

- Input: Signal: 0 – 5V.
The supply voltage of sensors: 5VDC,
The maximum current of the load: 3mA,
- Output: Signal: 4 – 20mA.
Supply voltage : 12V – 24V (dependent of the load) .
- Operating temperature: from 0°C to 65°C
- Supply current: below 20mA (fuse: 100mA.)
- Dimensions: 90,2 x 18,1 x 57,0 mm
- Material of the housing: ABS



View DN05 and frontal plate.



The housing to DIN.

The table of connections for the chosen channel x MAxx:

Sensors MAxx	Transducer DN05
1. Out x (brown)	IN
2. Out y (white)	---
3. U +5V (blue)	+ 5V
4. GNDA (black)	GND