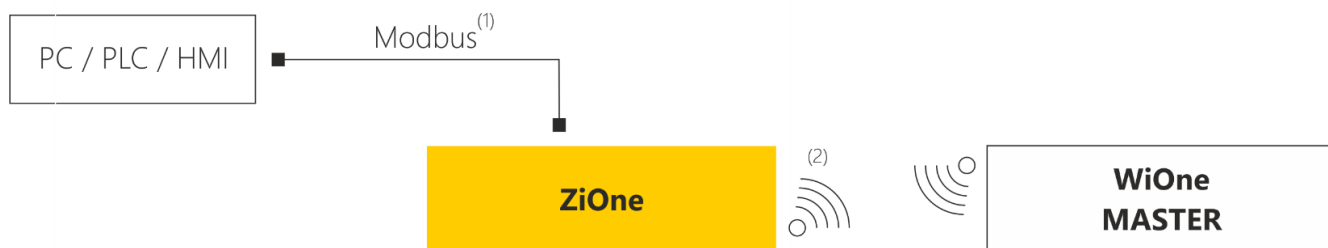




Zi-R01DNA0

- Modbus Interface
- Wireless communication
- Quick setup
- DIN rail compatible
- Additional options available

Depending on the version transmitter from the ZiOne series is used to measure, analog signals in the range of 0 ... 10 V, 0 (4) ... 20 mA or signals from resistance temperature sensors PT100 / PT1000. The device has four independent measurement channels, thanks to which it allows to connect four sensors with an analog output (voltage or current) or four PT100 sensors simultaneously. By using the programmer (CODAP-RS485) and the configuration program (APConfig PC [ZiOne]), the user can change the device settings (including among other: change settings regarding data transmission, etc.).



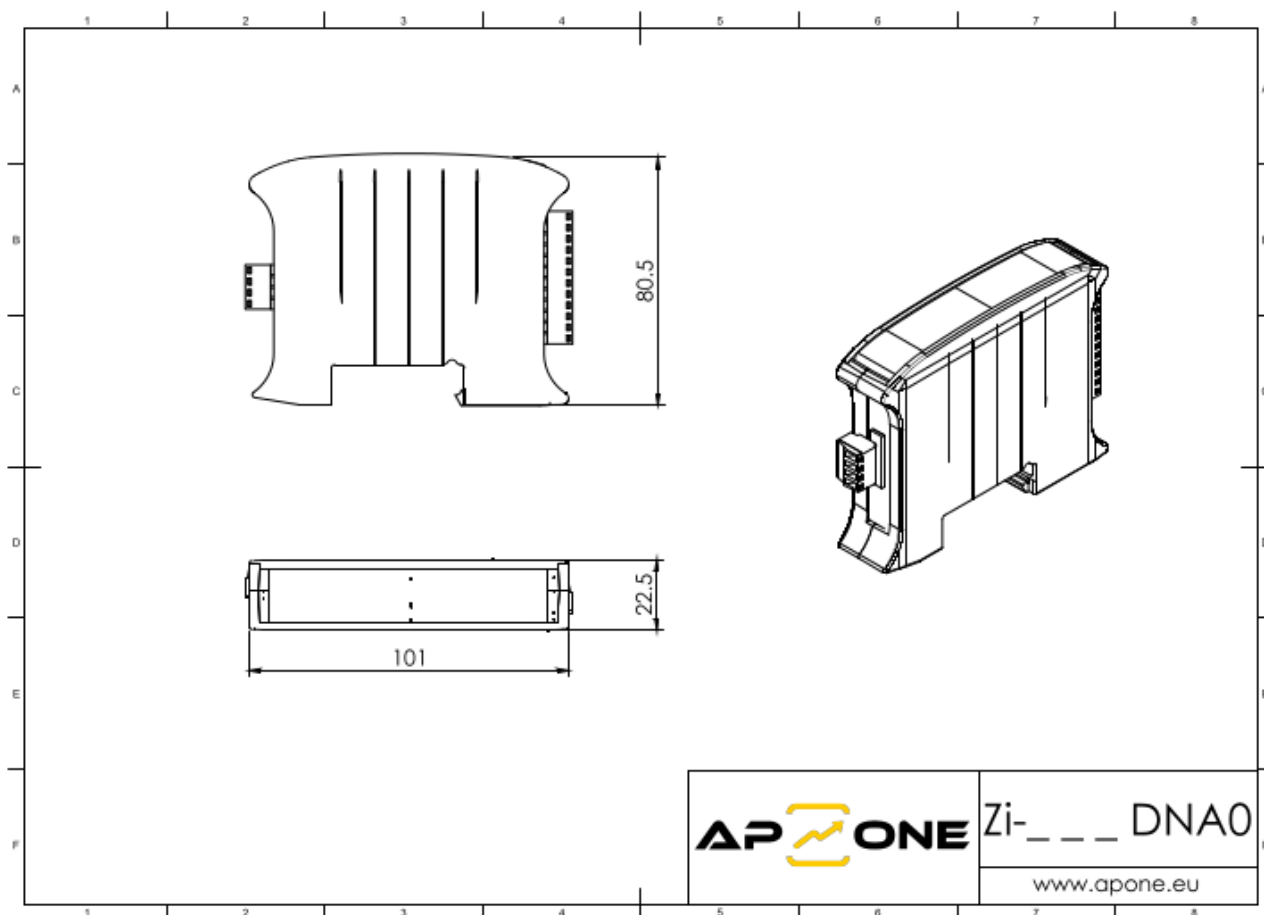
(1) - RS-485 interface (Modbus RTU)

(2) -Wireless interface (Radio 868 MHz)

Each Zi-One transmitters has an RS-485 (Modbus RTU) communication interface used for communication with a master device (e.g. PLC, HMI or PC). Selected models of the transmitters are additionally equipped with a radio module enabling wireless communication in the 868 MHz band (to work with the transmitter it is required to use an appropriate radio receiver, which is available in the company's offer). ZiOne devices can be used in HVAC systems, BMS systems and air parameters monitoring systems (thanks to the use of, among others, ADAPS or IDAPS proprietary software).

Technical drawing





All dimension in mm. This drawing is for informational purposes only. The manufacturer reserves the right to make changes in the product dimensions without prior notice.



Kod produktu	Zi-R01DNA0, Zi-R01DNA0, Zi-R01DNA0
Typ urządzenia	Transmitter
Mierzone parametry	Temperature (PT1000)
Zakres pomiarowy	-200...+550 °C (sensor dependent)
Dokładność (maks.)	±0.5% (% FS)
Częstotliwość pomiaru	1 Hz
Dodatkowe opcje	Calibration ready
Typ sensora	Interchangeable probe
Filtr sensora	-
Zasilanie	11.5...27 VDC
Interfejs	RS-485 (Modbus RTU)
Wyjścia analogowe	-
Wyjścia analogowe - typ	-
Wyjścia analogowe - rozdzielczość	-
Wyjścia binarne	-
Wyjścia binarne - parametry	-
Przyłącze elektryczne	Screw connection - 16...28 AWG (1,31...0,081 mm ²)
Diody serwisowe	3x LED
Wyświetlacz	-
Pamięć - rejestrowane dane	-
Pamięć - typ	-
Pamięć - pojemność	-
Pamięć - częstotliwość zapisu	-
Parametryzacja	Configuration software, Modbus
Stopień ochrony	IP20
Temperatura pracy	-30...+60 °C
Wilgotność pracy	0...95 %RH (WITHOUT CONDENSATION)
Typ obudowy	DIN rail
Materiał obudowy	ABS
Wymiary obudowy	See: drawing
W komplecie	Manual



Producent zastrzega sobie prawo do dokonywania zmian niektórych parametrów w związku z ciągłą pracą nad udoskonalaniem konstrukcji urządzenia, bez powiadamiania o tym jego użytkowników.

