



» ATR11 Process Controller

» Ordering code

Single/multi-zone kilns and furnaces
Gas burners control
Temperature and humidity control



» Description

Programmer / process controller size 72x144mm. Programming of 9 cycles, max. 15 steps each.

Available models are equipped with 2, 5 or 7 relay outputs (check ordering codes), programmable for command, alarm/auxiliary functions and one analog input for thermocouples, RTDs, linear signals.

Ideal for electrical and gas kilns, including the management of motorised valves with Open/Close logic.

Special software functions make the programmer suitable for kilns and furnaces: Recovery mode allows the firing prosecution also after power failure, foreseeing a recovery step with programmable rise gradient to continue the firing process from the point of interruption; Waiting function is particularly useful in case the kiln is unable to reach the programmed temperature in the given time: the function enables the extension of segment until the final setpoint value is achieved for each step of the firing profile.

» Technical data

SIZE: 72x144(frontal)x117mm

POWER SUPPLY: 24Vac, 230Vac, 115Vac \pm 15%
-50/60Hz

POWER CONSUMPTION: 5 W

DISPLAY: double, 4 red digits, 12 status LEDs, single digit display for visualization of cycle

OPERATING CONDITIONS: 0-45°C, 35..95rH%

INPUTS:

1 analog configurable for TC J, K, S, R, T, B, PT100, NI100, 0..10V, 0-4..20mA

4 digital inputs (optoisolated)

OUTPUTS:

2 relays 10A resistive (version ATR11-01020X)

5 relays 10A resistive (version ATR11-01050X)

7 relays 10A resistive (version ATR11-01070X)

CONTROL MODE: ON/OFF, PID-Autotuning

ACCURACY: 0.5% \pm 1digit for TC/RTD, 0.2%
 \pm 1digit for V/mA

SAMPLING TIME: 250ms

SEALING: IP54 Frontal, IP30 Box, IP20 Terminal blocks

CONFIGURATION: parameters protected by password

9 programmable CYCLES - 8/13 STEPS each

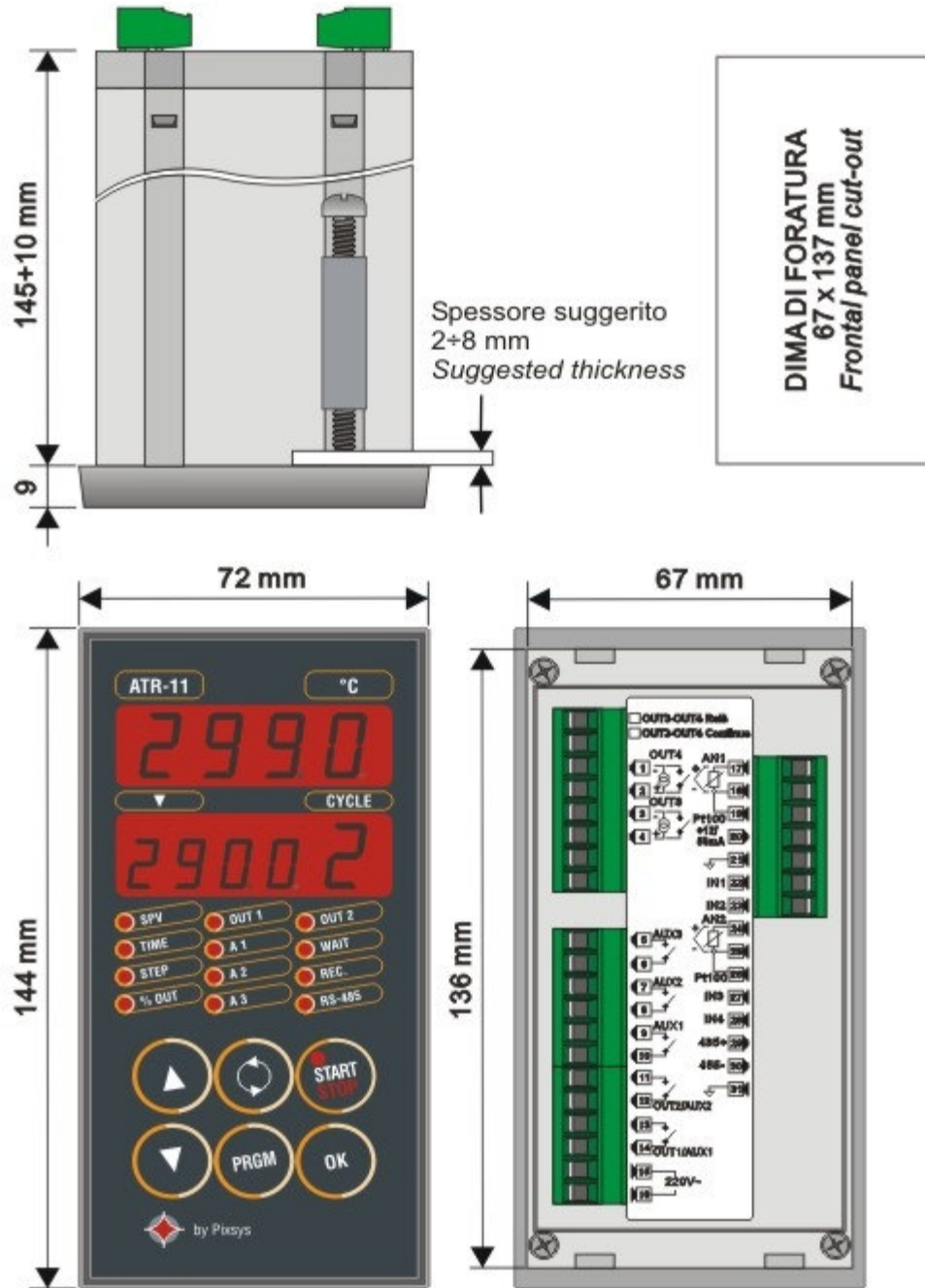
SPECIAL FUNCTIONS:

Recovery of interrupted cycle

Waiting function

» Ordering Code

» Installation



MODEL	INPUTS	OUTPUTS	POWER SUPPLY
ATR11-01020B		2 Relays	230 Vac +/-10% 50/60 Hz
ATR11-01050B	1 analogic	5 Relays	
ATR11-01070B		7 Relays	

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