EV9313 Thermostat-digital timer with 3 outputs for electric ovens, with RTC functions, programmed switch-on and cooking timer function

(E) ENGLISH	 disconnect the power supply before performing any type of mainte- 	the lower part of the display will show the quantity established with	press → or → within 15s	• press 📢 or 🚓 within 15s
1 IMPORTANT	nance	parameter P6:		• press and or do not operate for 15s.
1.1 Important	 supply the probe with protection able to isolate it from any contact 	- if $P6 = 0$, the display will show the chamber temperature	To exit the procedure:	To exit the procedure:
Read these instructions carefully before installation and use and follow	with metal parts or use isolated probes	 if P6 = 1, the display will show the work set-point (in this case the "set" 	■ press n and to for 4s.	■ press 📢 and 🚓 for 4s or do not o
all warnings regarding installation and for the electric connection.	 do not use the instrument as a safety device 	LED will be on)	The modification of the instrument code does not cause	tions will be saved)
Keep these instructions with the instrument for future reference.	for repairs and information regarding the instrument, contact the	- if P6 = 2, the display will show the value of the cooking timer or its	the configuration parameters default value to be restored.	Cut the instrument power supply
The instrument must be disposed of in compliance with	Evco sales network.	count if the timer is active (in this case the "timer" LED will be on); the	4.2 Setting the utility managed by each digital output	the parameters.
local Standards relative to the collection of electrical and	2 PRELIMINARY CONSIDERATIONS	value of the cooking timer is displayed in the hours:minutes format	(only if the instrument code is set at 0)	4.6 Restore the default value
			To access the procedure:	
electronic appliances.	2.1 Preliminary considerations	- if P6 = 3, the display will show the day and real time (in this case		rameters
1.2 Dimensions and installation	It is possible to select the utilities managed by the digital outputs (i.e.	the " clock " LED will be on); the day is displayed in format 1 7	make sure that the instrument is in stand-by state and that no proce-	 make sure that the instrument is in star
Panel with supplied brackets with screws; dimensions in mm (in).	relays K1, K2 and K3) among a series of four combinations (instrument	(number 1 corresponds to Monday), the real time in the 24 h format.	dure is in progress	dure is in progress
	codes 1, 2, 3 and 4); a fifth combination (instrument code 0) allows to	See also paragraphs 3.4 and 3.6.	■ press and some for 4s: the upper part of the display will show "PA"	press → and → for 4s: the upper pa
		If the instrument is in the programmed switch-on state:	• press *** : the lower part of the display will show the corresponding	 press [1] and [2/9] for is, the appendix press [1] and [2/9] for is, the appendix
	set the utility managed by each output independently.		value	
	INSTR. CODE RELAY K1 UTILITY RELAY K2 UTILITY RELAY K3 UTILITY	the upper part of the display will be off:		value
	0 can be set can be set can be set	• the lower part of the display will show the day and time of the next	• press N an Egy within 15s to set "743"	• press 📢 or 🛛 🚓 within 15s to set "7
	(default temperature (default airhole) (default steam	switch-on; the day is displayed in format 1 7 (number 1 corre-	■ press set	press or do not operate for 15s
(set (), N)	regulation) injection)	sponds to Monday), the real time in 24 h format (if switch-on is not	 press N_A and syp for 4s: the upper part of the display will show "CFG" 	■ press 📖 and 🚓 for 4s: the upper par
Set (N)	1 temperature airhole alarm	programmed, the lower part of the display will show "")	■ press or select "do1", "do2" or "do3".	• press no elect "dEF"
			The label meaning is the following:	
	(default) regulation	the "delay" LED will be on		• press set : the lower part of the display
	2 temperature chamber light cooking timer	• the LED 🕧 will be on.	LABEL MEANING	value
	regulation	If the instrument is in the stand-by state:	do1 utility managed by the first digital output (relay K1)	• press 📢 or 🛛 🚓 within 15s to set "1
◄ 96.0 (3.779) ►	3 temperature chamber light steam injection	the upper part of the display will be off:	do2 utility managed by the second digital output (relay K2)	• press 👯 or do not operate for 15s: the
	regulation	• the lower part of the display:	do3 utility managed by the third digital output (relay K3)	show " dEF " flashing for 4s, at
			To modify the utility managed by an output:	5
THIMANITATION	4 temperature airhole acoustics	- will be off if parameter c8 is set at 0		 cut the instrument power supply off.
	regulation	- it will display the real time if parameter c8 is set at 1 (in this case the	• press et al. in the lower part of the display will show the corresponding	To exit the procedure in advance:
	To set the instrument code, see paragraph 4.1; to set the utility managed	"clock" LED will be on); the real time is displayed in 24 h format	value.	• press ⊨ and ⇒ for 4s during the p
	by each output, see paragraph 4.2.	• the LED 🕕 will be on.	The meaning of the values is the following:	" 149 ": restore will
drilling template	2.2 Management of the utilities	3.4 Learning the quantity shown by the upper part of	VALUE MEANING	Make sure that the default value of
	-		0 not used	
	Temperature regulation.	the display during the on state		priate.
	The output activity mainly depends on the chamber temperature, the	 make sure no procedure is in progress 	1 temperature regulation	5 PROGRAMMED IGNITION
	work set-point and the parameter r0.	• press 📢 and 🖉 : the upper part of the display will show one of the	2 airhole	5.1 Preliminary considerations
	Airhole.	labels given in the following table for 2 secs:	3 steam injection	Programmed ignition allows to plan the
			4 alarm	
	The output is activated in the following conditions:	LABEL MEANING		instrument.
COM-	 before the conclusion of the cooking timer count (of the time established 	Pb chamber temperature	5 chamber light	On switch-on the instrument will function
DIMENS. MINIMUM TYPICAL MAXIMUM	with the parameter c5), for the time established with parameter c6	SP work set-point	6 cooking timer	rised before being passed to the progr
A 92.0 (3.622) 92.0 (3.622) 92.8 (3.653)	in manual mode, for the time established for parameter c7.	3.5 Temporary setting of the quantity shown by the	7 acoustics	paragraph 3.2).
B 92.0 (3.622) 92.0 (3.622) 92.8 (3.653)	Steam injection.	upper part of the display during the on state	■ press N _A or 🚓 within 15s	It is possible to plan 14 switch-on hours,
			• press	
Installation recommendations:	The output activity depends mainly on parameter t0.	• make sure no procedure is in progress		switch-on days are 12.
 the thickness of the panel must not exceed 4.0 mm (0.157 in) 	Through the multifunction input it is also possible to activate the output	• press h_{Δ} and O_{0} for 1s several times: the upper part of the display	To exit the procedure:	If there is a power cut at the switch-on
 position the brackets as indicated in the drawing in this paragraph, 	in remote mode.	will show one of the labels given in the table in	■ press N _A and _{EDy} for 4s.	when the power supply is restored.
moderate the coupling torque	Alarm.	paragraph 3.4 for 2 secs, after which it will show	If the instrument code is not set at 0, display only is	5.2 Setting programmed ignition
 make sure that the working conditions (temperature of use, humidity, 	The output is activated during a temperature alarm.	the corresponding value.	allowed but not the modification of the value correspond-	To access the procedure:
		. =	ing to the utility managed by the output.	
etc.) lie within the limits indicated in the technical data	<u>Chamber light.</u>	Any power supply cut-off causes the display of the quantity established	4.3 Setting the day and the real time	 make sure that the instrument is in on s
 do not install the instrument in proximity of heat sources (resistances, 	The output is activated in manual mode.	with parameter P5 to be restored.		in progress
hot air pipes, etc.), appliances with strong magnets (large diffusers,	Cooking timer.	3.6 Learning the quantity shown by the lower part of	 make sure that the instrument is in stand-by state and that no proce- 	• press and on the upper part of the
etc.), places subject to direct sunlight, rain, humidity, excessive dust,	The output is activated during the cooking timer count.	the display during the on state	dure is in progress	ing (it is the label of th
mechanical vibrations or jerks	Acoustics.		press and and it is a lower part of the display will show the day of	part will show a lab
		 make sure no procedure is in progress 	the week and the real time; the indication relative	
 in compliance with Safety Standards, protection against any contact 	The output is activated in the following conditions:	■ press symptotic and one of the lower part of the display will show one of the	to the day and the " clock " LED will flash.	switch-on days and
with electrical parts must be assured via correct installation of the	 before the conclusion of the cooking timer count (of the time established 	labels given in the following table for 2 secs:		The combination of the switch-on days
instrument. All parts that ensure protection must be fixed in a way that	with the parameter c9), for the time established with parameter c4	LABEL MEANING	The day is displayed in format 1 7 (number 1 corresponds to Mon-	LABEL COMBINATION OF DAYS
they cannot be removed without the aid of a tool.	 during an alarm or an error, with continuous contribution. 	Pb chamber temperature	day), the real time in the 24 h format (hours:minutes).	Never
1.3 Electric connection	In spite of the fact that the instrument can manage the		To modify the day:	- 1 - Monday
			press → or → within 15s	
With reference to the wiring diagram, the serial port is the communi-	7 utilities stated in this paragraph, there are 3 digital	tine value of the cooking timer or its count if the timer is active	 press [set_a]: the left part of the indication relative to the real time will flash. 	- 2 - Tuesday
cation port with the supervising system (through a serial interface, via	outputs available. Make sure that the desired utility is	rtc day and real time		- 3 - Wednesday
TTL, with MODBUS communication protocol) or with the program-	managed by the instrument (see paragraph 2.1).	3.7 Temporary setting of the quantity shown by the	To modify the hour:	- 4 - Thursday
ming key; the port must not be used for two purposes at the same time.	3 USER INTERFACE	lower part of the display during the on state	■ press n within 15s	- 5 - Friday
	3.1 Preliminary considerations	 make sure no procedure is in progress 	press : the right part of the indication relative to the real time will	- 6 - Saturday
buzzer J/K thermocouple output (chamber probe)	-		flash.	
	The following functioning states exist:	• press $\exists y_{p}$ and O_{0} for 1s several times: the lower part of the display	To modify the minutes:	- 7 - Sunday
	 the "on" state (the instrument is powered and on: the regulators can be on) 	will show one of the labels given in the table in	-	1 - 5 from Monday to Friday
/ 訓 子	• the "programmed switch-on" state (the instrument is powered but	paragraph 3.6 for 2 secs, after which it will show	• press n within 15s	1 - 6 from Monday to Saturday
/	switched off via software: the regulators are off and programmed	the corresponding value.	• press : the "clock" LED will switch-off, after which the instrument	1 - 7 from Monday to Sunday
/ Ĕ V serial port			will exit the procedure.	
	switch-on of the instrument is envisioned)	Any power supply cut-off causes the display of the quantity established	To go back to previous levels:	6 - 7 Saturday and Sunday
33 34 35 36 37 38 39	• the "stand-by" state (the instrument is powered but switched off via	with parameter P6 to be restored.		To select a switch-on time:
+12 V in com	software: the regulators are off and programmed switch-on of the	3.8 Chamber light switch-on/off	 press methods be procedure in advance; 	■ press 📢 or 🔬 within 15s (e.g. to :
	instrument is not envisioned)	make sure no procedure is in progress	To exit the procedure in advance:	To select a combination of days to which
K3 K2 K1	 the "off" state (the instrument is not powered). 	■ press MIF	 do not operate for 15s (any modifications will be saved). 	on time (in the example, "H07"):
	Successively, the term "switch-on" means the passage from the stand-by	If the chamber light is not managed by any digital output, pressing the	4.4 Setting the work set-point	 press stand during flashing of the upper
			 make sure that the instrument is in on state and that no procedure is 	
Every Control Group	state to the on state. The term "switch-off" means the passage from the	MF key will cause the display of the " no " indication for 1s in the lower	in progress	part of the display will show
EV9313	on state to the stand-by state.	part of the display.	• press (***********************************	combination of days and th
	When powered, the instrument re-proposes the state that it was in when	3.9 Buzzer silencing		• press 📢 or 👔 within 15s (for example
1 2 3 9 10 11 12 13 14 15	the power supply was disconnected.	 make sure no procedure is in progress 	part the corresponding value and the LED W will flash	To set the selected switch-on time (in the
			• press → or () within 15s; see also parameters r1 and r2	
1 2 3 9 10 11 12 13 14 15		• press a key (the first time the key is pressed, the associated effect is not		• press(set.) during flashing of the lower
	3.2 Selecting the functioning state	 press a key (the first time the key is pressed, the associated effect is not caused) 		 press and during flashing of the lower
power supply digital outputs	3.2 Selecting the functioning state To pass from the stand-by state to the on state (and vice versa):	caused).	• press : the LED will switch-off, after which the instrument will exit the procedure.	part of the display will show t
power supply digital outputs (see paragraph 2.1)	3.2 Selecting the functioning state		• press (): the LED W will switch-off, after which the instrument will exit the procedure.	part of the display will show ti will flash.
power supply digital outputs	3.2 Selecting the functioning state To pass from the stand-by state to the on state (and vice versa):	caused).	• press : the LED W will switch-off, after which the instrument will exit the procedure. To exit the procedure in advance:	part of the display will show t
power supply digital outputs (see paragraph 2.1)	 3.2 Selecting the functioning state To pass from the stand-by state to the on state (and vice versa): make sure no procedure is in progress press On for 1s. 	caused). Pressing the key also causes the deactivation of the acoustic output and the buzzer output.	 press is the LED will switch-off, after which the instrument will exit the procedure. To exit the procedure in advance: do not operate for 15s (any modifications will be saved). 	part of the display will show ti will flash.
power supply power supply (see paragraph 2.1) Recommendations for the electric connection: • do not operate on the terminal boards using electric or pneumatic	 3.2 Selecting the functioning state To pass from the stand-by state to the on state (and vice versa): make sure no procedure is in progress press to prove for 1s. To pass from the programmed switch-on state to the on state: 	caused). Pressing the key also causes the deactivation of the acoustic output and the buzzer output. Using the multifunction input, it is also possible to deactivate the buzzer,	 press is the LED will switch-off, after which the instrument will exit the procedure. To exit the procedure in advance: do not operate for 15s (any modifications will be saved). It is also possible to set the work set-point via the SP parameter. 	part of the display will show t will flash. The time is displayed in the 24h format To modify the hour:
digital outputs (see paragraph 2.1) Recommendations for the electric connection: • do not operate on the terminal boards using electric or pneumatic screwdrivers	 3.2 Selecting the functioning state To pass from the stand-by state to the on state (and vice versa): make sure no procedure is in progress press on for 1s. To pass from the programmed switch-on state to the on state: make sure no procedure is in progress 	caused). Pressing the key also causes the deactivation of the acoustic output and the buzzer output. Using the multifunction input, it is also possible to deactivate the buzzer, the acoustic output and the buzzer output in remote mode.	• press : the LED will switch-off, after which the instrument will exit the procedure. To exit the procedure in advance: do not operate for 15s (any modifications will be saved). It is also possible to set the work set-point via the SP parameter. 4.5 Setting the configuration parameters	part of the display will show t will flash. The time is displayed in the 24h format To modify the hour: • press [N _o] or (≼y) within 15s
digital outputs (see paragraph 2.1) Recommendations for the electric connection: • do not operate on the terminal boards using electric or pneumatic screwdrivers • if the instrument has been taken from a cold place to a hot place, the	 3.2 Selecting the functioning state To pass from the stand-by state to the on state (and vice versa): make sure no procedure is in progress press On for 1s. To pass from the programmed switch-on state to the on state: make sure no procedure is in progress press On for 1s. 	caused). Pressing the key also causes the deactivation of the acoustic output and the buzzer output. Using the multifunction input, it is also possible to deactivate the buzzer, the acoustic output and the buzzer output in remote mode. 4 SETTINGS	 press is the LED will switch-off, after which the instrument will exit the procedure. To exit the procedure in advance: do not operate for 15s (any modifications will be saved). It is also possible to set the work set-point via the SP parameter. 	part of the display will show t will flash. The time is displayed in the 24h format To modify the hour: • press (►) or (· press(►) : the right part of the indica
digital outputs (see paragraph 2.1) Recommendations for the electric connection: • do not operate on the terminal boards using electric or pneumatic screwdrivers	 3.2 Selecting the functioning state To pass from the stand-by state to the on state (and vice versa): make sure no procedure is in progress press on for 1s. To pass from the programmed switch-on state to the on state: make sure no procedure is in progress press on for 1s. To pass from the on state to the programmed switch-on state: 	caused). Pressing the key also causes the deactivation of the acoustic output and the buzzer output. Using the multifunction input, it is also possible to deactivate the buzzer, the acoustic output and the buzzer output in remote mode.	• press : the LED will switch-off, after which the instrument will exit the procedure. To exit the procedure in advance: do not operate for 15s (any modifications will be saved). It is also possible to set the work set-point via the SP parameter. 4.5 Setting the configuration parameters	part of the display will show ti will flash. The time is displayed in the 24h format To modify the hour: • press (h_a) or (⊕ within 15s • press (m_a) or (⊕ within 15s • press (m_a) or (⊕ within 15s)
digital outputs (see paragraph 2.1) Recommendations for the electric connection: • do not operate on the terminal boards using electric or pneumatic screwdrivers • if the instrument has been taken from a cold place to a hot place, the	 3.2 Selecting the functioning state To pass from the stand-by state to the on state (and vice versa): make sure no procedure is in progress press On for 1s. To pass from the programmed switch-on state to the on state: make sure no procedure is in progress press On for 1s. 	caused). Pressing the key also causes the deactivation of the acoustic output and the buzzer output. Using the multifunction input, it is also possible to deactivate the buzzer, the acoustic output and the buzzer output in remote mode. 4 SETTINGS	 press : the LED will switch-off, after which the instrument will exit the procedure. To exit the procedure in advance: do not operate for 15s (any modifications will be saved). It is also possible to set the work set-point via the SP parameter. 4.5 Setting the configuration parameters To access the procedure: make sure that the instrument is in stand-by state and that no proce- 	part of the display will show t will flash. The time is displayed in the 24h format To modify the hour: • press (►) or (· press(►) : the right part of the indica
digital outputs (see paragraph 2.1) Recommendations for the electric connection: • do not operate on the terminal boards using electric or pneumatic screwdrivers • if the instrument has been taken from a cold place to a hot place, the humidity could condense inside; wait for about one hour before	 3.2 Selecting the functioning state To pass from the stand-by state to the on state (and vice versa): make sure no procedure is in progress press on for 1s. To pass from the programmed switch-on state to the on state: make sure no procedure is in progress press on for 1s. To pass from the on state to the programmed switch-on state: make sure no procedure is in progress 	caused). Pressing the key also causes the deactivation of the acoustic output and the buzzer output. Using the multifunction input, it is also possible to deactivate the buzzer, the acoustic output and the buzzer output in remote mode. 4 SETTINGS 4.1 Setting the instrument code	 press : the LED will switch-off, after which the instrument will exit the procedure. To exit the procedure in advance: do not operate for 15s (any modifications will be saved). It is also possible to set the work set-point via the SP parameter. 4.5 Setting the configuration parameters To access the procedure: make sure that the instrument is in stand-by state and that no procedure is in progress 	part of the display will show ti will flash. The time is displayed in the 24h format To modify the hour: • press(♥) or (⊕ within 15s • press(♥) : the right part of the indica time will flash.
power supply digital outputs (see paragraph 2.1) Recommendations for the electric connection: • do not operate on the terminal boards using electric or pneumatic screwdrivers • if the instrument has been taken from a cold place to a hot place, the humidity could condense inside; wait for about one hour before applying power • check that the power supply voltage, the frequency and the electric	 3.2 Selecting the functioning state To pass from the stand-by state to the on state (and vice versa): make sure no procedure is in progress press on for 1s. To pass from the programmed switch-on state to the on state: make sure no procedure is in progress press on for 1s. To pass from the on state to the programmed switch-on state: make sure no procedure is in progress press form the on state to the programmed switch-on state: make sure no procedure is in progress press on procedure is in progress press on procedure is in progress 	caused). Pressing the key also causes the deactivation of the acoustic output and the buzzer output. Using the multifunction input, it is also possible to deactivate the buzzer, the acoustic output and the buzzer output in remote mode. 4 SETTINGS 4.1 Setting the instrument code To access the procedure: • make sure that the instrument is in stand-by state and that no proce-	 pressing : the LED will switch-off, after which the instrument will exit the procedure. To exit the procedure in advance: do not operate for 15s (any modifications will be saved). It is also possible to set the work set-point via the SP parameter. 4.5 Setting the configuration parameters To access the procedure: make sure that the instrument is in stand-by state and that no procedure is in progress pressing and so for 4s: the upper part of the display will show "PA" 	part of the display will show ti will flash. The time is displayed in the 24h format To modify the hour: • press(IL) or (Sy) within 15s • press(C) : the right part of the indica time will flash. To modify the minutes: • press(IL) or (Sy) within 15s
power supply digital outputs (see paragraph 2.1) Recommendations for the electric connection: • do not operate on the terminal boards using electric or pneumatic screwdrivers • if the instrument has been taken from a cold place to a hot place, the humidity could condense inside; wait for about one hour before applying power • check that the power supply voltage, the frequency and the electric operational power of the instrument correspond with those of the	3.2 Selecting the functioning state To pass from the stand-by state to the on state (and vice versa): • make sure no procedure is in progress • press on for 1s. To pass from the programmed switch-on state to the on state: • make sure no procedure is in progress • press on for 1s. To pass from the on state to the programmed switch-on state: • make sure no procedure is in progress • press on for 1s. To pass from the on state to the programmed switch-on state: • make sure no procedure is in progress • press on and one for 1s. To pass from the stand-by state to the programmed switch-on state (and for the stand-by state to the programmed switch-on state (and for the stand-by state to the programmed switch-on state (and for the stand-by state to the programmed switch-on state (and for the stand-by state to the programmed switch-on state (and for the stand-by state to the programmed switch-on state (and for the stand-by state to the programmed switch-on state (and for the stand-by state to the programmed switch-on state (and for the stand-by state to the programmed switch-on state (and for the stand-by state to the programmed switch-on state (and for the stand-by state to the programmed switch-on state (and for the stand-by state to the programmed switch-on state (and for the stand-by state to the programmed switch-on state (and for the stand-by state to the programmed switch-on state (and for the stand-by state to the programmed switch-on state (and for the stand-by state to the programmed switch-on state (and for the stand-by state to the programmed s	caused). Pressing the key also causes the deactivation of the acoustic output and the buzzer output. Using the multifunction input, it is also possible to deactivate the buzzer, the acoustic output and the buzzer output in remote mode. 4 SETTINGS 4.1 Setting the instrument code To access the procedure: • make sure that the instrument is in stand-by state and that no procedure is in progress	 press is the LED will switch-off, after which the instrument will exit the procedure. To exit the procedure in advance: do not operate for 15s (any modifications will be saved). It is also possible to set the work set-point via the SP parameter. 4.5 Setting the configuration parameters To access the procedure: make sure that the instrument is in stand-by state and that no procedure is in progress press (h) and (s) for 4s: the upper part of the display will show 'PA'' press (h) the lower part of the display will show the corresponding 	part of the display will show ti will flash. The time is displayed in the 24h format To modify the hour: • press (i) or () within 15s • press () the right part of the indica time will flash. To modify the minutes: • press () or () within 15s • press () the upper part of the display of
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power supply digital outputs (see paragraph 2.1) Recommendations for the electric connection: • do not operate on the terminal boards using electric or pneumatic screwdrivers • if the instrument has been taken from a cold place to a hot place, the humidity could condense inside; wait for about one hour before applying power • check that the power supply voltage, the frequency and the electric operational power of the instrument correspond with those of the	 3.2 Selecting the functioning state To pass from the stand-by state to the on state (and vice versa): make sure no procedure is in progress press on for 1s. To pass from the programmed switch-on state to the on state: make sure no procedure is in progress press on for 1s. To pass from the on state to the programmed switch-on state: make sure no procedure is in progress press on for 1s. To pass from the on state to the programmed switch-on state: make sure no procedure is in progress press on and on for 1s. To pass from the stand-by state to the programmed switch-on state (and vice versa): make sure no procedure is in progress press on and on for 1s. To make sure no procedure is in progress press on and on for 1s. To pass from the stand-by state to the programmed switch-on state (and vice versa): make sure no procedure is in progress press on and on for 1s. To pass from the stand-by state to the programmed switch-on state (and vice versa): make sure no procedure is in progress press on and on for 1s. To pass from the stand-by state to the programmed switch-on state (and vice versa): make sure no procedure is in progress press on and on for 1s. To pass from the stand-by state to the programmed switch-on state (and vice versa): make sure no procedure is in progress press on and on for 1s. To pass from the stand-by state to the programmed switch-on state (and vice versa): make sure no procedure is in progress press on and on for 1s. To pass from the stand-by state to the programmed switch-on state (and vice versa): 	caused). Pressing the key also causes the deactivation of the acoustic output and the buzzer output. Using the multifunction input, it is also possible to deactivate the buzzer, the acoustic output and the buzzer output in remote mode. 4 SETTINGS 4.1 Setting the instrument code To access the procedure: • make sure that the instrument is in stand-by state and that no proce- dure is in progress • press(IL) and (symp for 4s: the upper part of the display will show "PA" • press(IL) or (symp within 15s to set " 743 " • press(IL) and (symp for 4s: the upper part of the display will show "CFG". To modify the instrument code:	 press i: the LED will switch-off, after which the instrument will exit the procedure. To exit the procedure in advance: do not operate for 15s (any modifications will be saved). It is also possible to set the work set-point via the SP parameter. 4.5 Setting the configuration parameters To access the procedure: make sure that the instrument is in stand-by state and that no procedure is in progress press in and in a for 4s: the upper part of the display will show "PA" press is the lower part of the display will show "PA" press is or a do not operate for 15s press is or do not o	part of the display will show ti will flash. The time is displayed in the 24h format To modify the hour: • press () or () within 15s • press () cr () within 15s • press () or () within 15s • press () with
power supply digital outputs (see paragraph 2.1) Recommendations for the electric connection: • do not operate on the terminal boards using electric or pneumatic screwdrivers • if the instrument has been taken from a cold place to a hot place, the humidity could condense inside; wait for about one hour before applying power • check that the power supply voltage, the frequency and the electric operational power of the instrument correspond with those of the	 3.2 Selecting the functioning state To pass from the stand-by state to the on state (and vice versa): make sure no procedure is in progress press on for 1s. To pass from the programmed switch-on state to the on state: make sure no procedure is in progress press on for 1s. To pass from the on state to the programmed switch-on state: make sure no procedure is in progress press on for 1s. To pass from the on state to the programmed switch-on state: make sure no procedure is in progress press on and on for 1s. To pass from the stand-by state to the programmed switch-on state (and vice versa): make sure no procedure is in progress press on and on for 1s. To pass from the stand-by state to the programmed switch-on state (and vice versa): make sure no procedure is in progress press on and on for 1s. To pass from the stand-by state to the programmed switch-on state (and vice versa): make sure no procedure is in progress press on and on for 1s. 3.3 The display If the instrument is in the on state: the upper part of the display will show the quantity established with parameter P5: if P5 = 0, the display will show the chamber temperature 	caused). Pressing the key also causes the deactivation of the acoustic output and the buzzer output. Using the multifunction input, it is also possible to deactivate the buzzer, the acoustic output and the buzzer output in remote mode. 4 SETTINGS 4.1 Setting the instrument code To access the procedure: • make sure that the instrument is in stand-by state and that no proce- dure is in progress • press[1_a] and () for 4s: the upper part of the display will show " PA " • press[1_a] and () for 4s: the upper part of the display will show " PA " • press[1_a] and () within 15s to set " 743 " • press[1_a] and () for 4s: the upper part of the display will show " CFG ". To modify the instrument code: • press[1_a] the lower part of the display will show the corresponding use () for 4s: the upper part of the display will show " CFG ".	 press : the LED will switch-off, after which the instrument will exit the procedure. To exit the procedure in advance: do not operate for 15s (any modifications will be saved). It is also possible to set the work set-point via the SP parameter. 4.5 Setting the configuration parameters To access the procedure: make sure that the instrument is in stand-by state and that no procedure is in progress press (1) and (2) for 4s: the upper part of the display will show "PA" press (1) and (2) to r 4s: the upper part of the display will show "PA" press (1) or (2) within 15s to set "-19" press (1) and (2) for 4s: the upper part of the display will show "SP". To select a parameter: press (1) or (2) To modify a parameter: 	part of the display will show t will flash. The time is displayed in the 24h format To modify the hour: • press () or () r press() it regist part of the indica time will flash. To modify the minutes: • press() or () vithin 15s • press() it upper part of the display time label again (in the exampl show the combination of days To set another programmed ignition, re this paragraph. To go back to previous levels: • press() several times during the pro- To exit the procedure:
power supply digital outputs (see paragraph 2.1) Recommendations for the electric connection: • do not operate on the terminal boards using electric or pneumatic screwdrivers • if the instrument has been taken from a cold place to a hot place, the humidity could condense inside; wait for about one hour before applying power • check that the power supply voltage, the frequency and the electric operational power of the instrument correspond with those of the	 3.2 Selecting the functioning state To pass from the stand-by state to the on state (and vice versa): make sure no procedure is in progress press on for 1s. To pass from the programmed switch-on state to the on state: make sure no procedure is in progress press on for 1s. To pass from the on state to the programmed switch-on state: make sure no procedure is in progress press on for 1s. To pass from the on state to the programmed switch-on state: make sure no procedure is in progress press on and on for 1s. To pass from the stand-by state to the programmed switch-on state (and vice versa): make sure no procedure is in progress press on and on for 1s. To pass from the stand-by state to the programmed switch-on state (and vice versa): make sure no procedure is in progress press on and on for 1s. To pass from the stand-by state to the programmed switch-on state (and vice versa): make sure no procedure is in progress press on and on for 1s. 3.3 The display If the instrument is in the on state: the upper part of the display will show the quantity established with parameter P5: if P5 = 0, the display will show the chamber temperature 	caused). Pressing the key also causes the deactivation of the acoustic output and the buzzer output. Using the multifunction input, it is also possible to deactivate the buzzer, the acoustic output and the buzzer output in remote mode. 4 SETTINGS 4.1 Setting the instrument code To access the procedure: • make sure that the instrument is in stand-by state and that no proce- dure is in progress • press[1_a] and () for 4s: the upper part of the display will show " PA " • press[1_a] and () for 4s: the upper part of the display will show " PA " • press[1_a] and () within 15s to set " 743 " • press[1_a] and () for 4s: the upper part of the display will show " CFG ". To modify the instrument code: • press[1_a] the lower part of the display will show the corresponding use () for 4s: the upper part of the display will show " CFG ".	 press i: the LED will switch-off, after which the instrument will exit the procedure. To exit the procedure in advance: do not operate for 15s (any modifications will be saved). It is also possible to set the work set-point via the SP parameter. 4.5 Setting the configuration parameters To access the procedure: make sure that the instrument is in stand-by state and that no procedure is in progress press in and in a for 4s: the upper part of the display will show "PA" press is the lower part of the display will show "PA" press is or a do not operate for 15s press is or do not o	part of the display will show t will flash. The time is displayed in the 24h format To modify the hour: • press () or () r • press() it right part of the indica time will flash. To modify the minutes: • press() or () vithin 15s • press() it upper part of the display time label again (in the exampl show the combination of days To set another programmed ignition, re this paragraph. To go back to previous levels: • press() several times during the pro- To exit the procedure:

To exit the procedure in advance

• press and on to perate for 15s during the procedure (i.e. before modifying the minutes: any modifica-

tions will not be saved).

For the instrument to automatically switch-on at the day and time set, these must be in the programmed switch-on mode.

To pass from the on state (or the stand-by state) to the programmed switch-on state:

- make sure no procedure is in progress
- press_☉ and _☉ for 1s.
- If the instrument is in the programmed switch-on state:
- the upper part of the display will be off:
- the lower part of the display will show the day and time of the next switch-on; the day is displayed in format 1 ... 7 (number 1 corresponds to Monday), the real time in 24 h format (if switch-on is not programmed, the lower part of the display will show "- - - ")
- the "delay" LED will be on • the LED will be on.
- 5.3 Temporary modification of the day and time of the next switch-on

To access the procedure

- make sure that the instrument is in the programmed switch-on state and that no procedure is in progress
- \bullet press $\ensuremath{\mathfrak{ss}}$ and $\ensuremath{\textcircled{0}}_{\varpi}$: the lower part of the display will show the day of the week and the time of the next switch-on, the indication relative to the day and the "delay" LED will flash

The day is displayed in format 1 ... 7 (number 1 corresponds to Monday), the time in the 24 h format (hours:minutes). To modify the day:

- press or _{€}} within 15s
- press : the left part of the indication relative to the switch-on time will flash
- To modify the hour:
- press or 🔬 within 15s
- press : the right part of the indication relative to the switch-on time will flash.
- To modify the minutes:
- press in a c ≤ within 15s
- press : the "delay" LED will switch-on, after which the instrument will exit the procedure.
- To go back to previous levels:
- press reveral times during the procedure.
- To exit the procedure in advance:
- press and on do not operate for 15s (any modifications will not be saved).

The temporary modification of an ignition is re-proposed also after a power cut and has exclusive effect on the imminent switch-on and not on those previously set.

If passing from the programmed switch-on state to any other state, the modification will not be re-proposed.

- 5.4 Exclusion of the next switch-on for the benefit of another already programmed
- make sure that the instrument is in the programmed switch-on state and that no procedure is in progress
- \bullet press $\ensuremath{\hbox{\scriptsize stat}}$ and $\ensuremath{\bigodot}_{0}$ for 1s: the lower part of the display will show the day of the week and the time of the next switch-

on, the "**delay**" LED will flash. The day is displayed in format 1 ... 7 (number 1 corresponds to Monday), the time in the 24 h format.

 press within 15s to select another switch-on already programmed • presence : the "delay" LED will switch-on, after which the instru-ment will exit the procedure.

To exit the procedure in advance:

• press and to not operate for 15s (any modifications will not be saved)

The exclusion of a switch-on is re-proposed also after a power-cut. The switch-ons excluded are re-proposed in the successive day and time circumstances.

If passing from the programmed switch-on state to any other state, the exclusion will not be re-proposed.

COOKING TIMER

6.1 Preliminary considerations

The cooking timer allows to start the reverse countdown of a time. The countdown is shown in the lower part of the display; during the count the "timer" LED is on and the timer output is activated.

Before conclusion of the count (of the time established with parameter c9) the buzzer and the acoustic output are activated, for the time established with parameter c4.

Before conclusion of the count (of the time established with parameter c5) the airhole is activated, for the time established with parameter c6. Using the multifunction input, it is also possible to start/interrupt the

cooking timer in remote mode

6.2 Setting the cooking timer

• make sure that the instrument is in the on state, that the cooking timer. count is not in progress and that no procedure is in progress

- press and 🐑 : the lower part of the display shows the value of the cooking timer; the left part and the "timer"
 - LED will flash

The value of the cooking timer is displayed in the hours:minutes format.

to select "H07").

nich to apply the selected switch-

per part of the display: the lowe how a flashing label relative to a the upper part will switch-on example to select "1 - 5").

the example, "H07"):

wer part of the display: the lower ow the switch-on time; the left part

mat (hours:minutes).

dication relative to the switch-on

play will show the flashing switch-on mple "H07") and the lower part will days again (in the example "1 - 5"). repeat the procedure given in

procedure.

te for 15s: the "**delay**" LED switches

ot operate for 60s (any modifica-

ply off after modification of

ue of the configuration pa-

stand-by state and that no proce-

part of the display will show "PA"

play will show the corresponding

"**743**"

part of the display will show "CFG"

play will show the corresponding

"149"

the upper part of the display will , after which "**dEF**" will switch on

he procedure (i.e. before setting will not be carried out)

e of the parameters is appro-

ns

the automatic switch-on of the

ion with the latest settings memo rogrammed switch-on state (see

urs, the possible combinations of

on time, this will be re-proposed

ition

on state and that no procedure is

of the display will show "H01 " flashof the first switch-on time), the lower label relative to a combination of and the "**delay**" LED will flash.

avs available are the following:

To modify the hour:	• press : the LED 🔪 will switch-off, after which the instrument will	PF2 power supply cut-off alarm during cooking timer count	13 TECHNICAL DATA	PARAM.		AX. U.I	M. DEF.
• press N or ≤> within 15s	exit the procedure.	with duration longer than the time established with param-	13.1 Technical data	A1 (/°F(1) 0
• press 📆 : the right part will flash.	To go back to previous levels:	eter r13	Container: grey self-extinguishing.	A2 (0 2	10 mi	n 0
To modify the minutes:	• press reveral times during the procedure.	Remedies:	Front panel protection rating: IP 54	A3 (0 2		0
• press जि, or (≼ỳ) within 15s. The cooking timer can be set between 00:00 and 24:00 h:min.	To exit the procedure in advance: • do not operate for 15s (any modifications will be saved).	 press a key to restore the normal display check the causes that brought about the power supply 	Connections: removable terminal boards (power supply, inputs and outputs), 6-pole connector (serial port).				
press [st] : the "timer" LED will switch-off, after which the instrument	8.3 Activation of the airhole in manual mode	cut-off	Temperature of use: from 0 to 55 °C (from 32 to 131 °F, 10 90%				
will exit the procedure.	• make sure that the instrument is in on state and that no procedure is	Main consequences:	relative humidity without condensate).	PARAM. I	MIN. M	AX. U.I	M. DEF.
To go back to previous levels:	in progress	 the count will be interrupted the accuration output and the burger output will be activated 	Power supply: 115 230 VAC, 50/60 Hz, 5 VA (approx) or 24 VAC,	i5 (0 3		0
 press_☉ several times during the procedure. To exit the procedure in advance: 	 press is the LED will switch on and the airhole will be activated, both for the time established with parameter c7. 	• the acoustics output and the buzzer output will be activated When the cause of the alarm disappears, the instrument restores nor-	50/60 Hz. Keeping the clock data in a power-cut: 24 h with battery				
 do not operate for 15s (any modifications will be saved). 	8.4 Deactivation of the airhole in manual mode	mal functioning, except for the power supply cut-off alarm during the	charged.				
The cooking timer can also be set when the count is in progress (this	 make sure no procedure is in progress 	cooking timer count (codes "PF1" and "PF2") which requires a key to	Battery charging time: 2 min without interruptions (the battery is				
modification is temporary, i.e. any power supply cut-off causes the value	• press	be pressed.	charged by the instrument power supply).				
set with the procedure given at the start of this paragraph to be restored). If the value is set at 00:00 h:min, the count will be interrupted, the " timer "	9 SIGNALS 9.1 Signals	12 INTERNAL DIAGNOSTICS 12.1 Internal diagnostics	Alarm buzzer: incorporated. Measurement inputs: 1 (chamber probe) for J/K thermocouple.				
LED will switch-off and the buzzer will be activated for 3 seconds.	LED MEANING	CODE MEANING	Digital inputs: 1 (multifunction) or NO/NC contact (potential-free				
6.3 Starting the cooking timer	temperature regulation LED	Pr1 chamber probe error	contact, 5 V 1 mA).				
 press o during timer setting: the "timer" LED will switch on. 	if it is on, the output for the regulation of the temperature	Remedies:	Range of measurement: from -99 to 800 °C (from-99 to 999 °F) for				
Alternatively:	will be activated	 see parameter P0 check probe integrity 	J thermocouple, from -99 to 999 °C (from -99 to 999 °F) for K thermocouple. Resolution: 1 °C/1 °F.				
in progress	if it flashes, the work set-point modification is in progress (with the procedure indicated in paragraph 4.4)	 check probe integrity check the instrument-probe connection 	Digital outputs: 3 relays:				
■ press 💿 : the " timer " LED will switch on.	steam injection LED	check the chamber temperature	• relay K1: 8 A res. @ 250 VCA (NO contact)	i6 (0 1		0
6.4 Interrupting the cooking timer	if it is on:	Main consequences:	 relay K2: 8 A res. @ 250 VCA (NO contact) 				
 press rest of and the buzzer will be activated for 3s. 	 and the parameter t0 is set at 0, steam injection will be in 	 the temperature regulation output will be deactivated 	• relay K3: 8 A res. @ 250 VCA (contact in ex-	DADANA		AX 111	NA DEE
7 STEAM INJECTION	 progress and the parameter t0 is set at 1, steam injection will be in 	the acoustics output and the buzzer output will be activated rtc clock error	change). The utility managed by each output depends on the instrument code	PARAM.I		AX. U.I 17	M. DEF.
7.1 Preliminary considerations	enabled	Remedies:	(see paragraph 2.1).	Lb (247
The functioning mode of the steam injection depends on parameter t0.	if it flashes, rapid setting of parameter t2 is in progress (see	• set the day and real time again	Other outputs: buzzer output (12 V, max. 20 mA); the output is				
If the parameter t0 is set at 0, pressing the symptotic process the injection of steam for the time established with parameter t2 or for the entire	paragraph 7.2)	Main consequences:	activated during alarms and errors, with continuous contribution.				
duration that the key is pressed. The parameter t1 establishes the mini-	airhole LED if it is on, the airhole will be activated in manual mode	 the programmed switch-on will not be available the acoustics output and the buzzer output will be activated 	Serial port: port for the communication with the supervising system (through a serial interface, via TTL, with MODBUS communication pro-				
mum time that can pass between the two successive injections.	if it flashes:	When the cause of the alarm disappears the instrument restores normal	tocol) or with the programming key.	LP (0 2		2
If the parameter t0 is set at 1, pressing the key () will enable the	the airhole will be activated due to the effect of the conclu-	functioning, except for clock error (code " rtc ") that requires the day			-		
automatic injection of the steam (in cyclical mode: parameter t2 estab- lishes the duration of the injector switch-on and parameter t1 estab-	sion of the cooking timer count (parameter c6)	and real time to be set.					
lishes the duration of switch-off).	• rapid setting of parameter c7 is in progress (see para-	14 WORK SET-POINT AND CONFIGURATION PARAMETI	DS .		the unit -	E moarting	ment docord
Using the multifunction input, it is also possible to cause the same effect	graph 8.2) C degrees Celsius LED	14 WORK SET-POINT AND CONFIGURATION PARAMETE 14.1 Work set-point					ement depends ers relative to
by pressing the () key in remote mode. If the steam injection is not managed by any digital output, pressing the	if it is on, the unit of measurement of the temperatures will	MIN. MAX. U.M. DEF. WORK SET-POINT			-		cut-off is shorte
\approx key will cause the display of the " no " indication for 1s in the lower	be degrees Celsius (parameter P2)	r1 r2 °C/°F(1) 150 work set-point			powered		
part of the display.	°F degrees Fahrenheit LED if it is on, the unit of measurement of the temperatures will	14.2 Configuration parameters PARAM.MIN. MAX. U.M. DEF. WORK SET-POINT			ds = tenth		nd acoustic output a
7.2 Quick setting of the parameter t2	be degrees Fahrenheit (parameter P2)	$\frac{1}{\text{SP}} = \frac{1}{\text{r1}} + \frac{1}{\text{r2}} + \frac{1}{\text{c}} + $					shed with parar
 make sure that the instrument is in on state and that no procedure is in progress 	on/stand-by LED	PARAM MIN. MAX. U.M. DEF. MEASUREMENT INPUTS					r is interrupted
■ press ^[84] and [3]: the upper part of the display will show "t2", the	if it is on, the instrument is in the programmed switch-on	CA1 -25/-50 25/50 °C/°F(1) 0 chamber probe offset					nd of the acous
lower part the corresponding value and the LED	state or in the stand-by state	P0 0 1 0 type of probe		. ,			rential is 10 °C/
land the second	delay programmed switch-on LED if it is on, the instrument is in the programmed switch-on	0 = J 1 = K		(8) p	pressing ti	nej Ke	ey causes the as
The parameter t2 can be set between 1 and 250 ds.	state	P2 0 1 0 temperature unit of measu	rement (2)				
If steam injection is not managed by any digital output, the lower part of the display will show " no " for 1s.	if it is flashing, setting of the programmed switch-on day	0 = °C					
■ press N _A or (≼) within 15s	and time is in progress	1 = °F					
presses: the LED and will switch-off, after which the instrument will	timer cooking timer LED if it is on, the quantity shown by the lower part of the display	P5 0 1 0 quantity shown by the up 0 = chamber temperature	per part of the display during the on state or during normal functioning				
exit the procedure.	will be the value of the cooking timer or its count if the timer	1 = work set-point					
To exit the procedure in advance: • do not operate for 15s (any modifications will be saved).	will be activated	P6 0 3 2 quantity shown by the low	ver part of the display during the on state or during normal functioning				
7.3 Activation of the injector in manual mode (only if	if it flashes:	0 = chamber temperature					
parameter t0 is set at 0)	cooking timer setting is in progressthe cooking timer count will be in progress but the lower	1 = work set-point	mer or its count if the timer is active				
 make sure that the instrument is in on state and that no procedure is in progress 	part of the display will be showing another quantity	3 = day and real time					
in progress • press 🚓 : the LED 靏 will switch-on and the injector will be acti-	clock real time LED	PARAM MIN. MAX. U.M. DEF. MAIN REGULATOR					
vated, both for the time established with parameter t2 or for	if it is on, the quantity displayed by the lower part of the	r0 1 99 °C/°F(1) 5 work set-point differential					
the entire duration that the key is pressed.	display will be the real time if it is flashing, setting of the day and real time is in progress	r1 0 r2 °C/°F (1) 50 minimum work set-point r2 r1 999 °C/°F (1) 350 maximum work set-point					
The injector must not be deactivated in manual mode. 7.4 Enabling of automatic steam injection (only if pa-	set work set-point LED		ut state for the regulation of the temperature and the cooking timer				
rameter t0 is set at 1)	if it is on, the quantity shown by the lower part of the display	$1 = \underline{YES}$ - the temperature	regulation output remains off if the cooking timer count is not in progress				
 make sure that the instrument is in on state and that no procedure is 	will be the work set-point value		ly cut-off duration that occurs during a cooking timer count exceeding				
in progress	10 INDICATIONS 10.1 Indications	PARAM, MIN. MAX. U.M. DEF. STEAM INJECTION	אופט (א)				
 press sign 2: the LED sign will switch on and the injector will be activated in cyclical mode according to that established with 	INDICAT. MEANING	t0 0 1 0 steam injection functioning	g mode				
parameters t1 and t2 (until the key is pressed again).	decrease the time established with parameter c9 is missing 1 second		auses the injection of steam for the time established with parameter t2 or for				
8 AIRHOLE	time to the conclusion of the cooking timer count		the key is pressed. The parameter t1 establishes the minimum time that can				
8.1 Preliminary considerations	00:00 flashing: the cooking timer count has ended	pass between the two	successive injections. enables automatic injection of the steam in cyclical mode (parameter t2				
The airhole is activated in the following conditions: • before the conclusion of the cooking timer count (of the time estab-	no the function requested is not managed by any digital output		on duration of the injector and parameter t1 establishes switch-off duration)				
 before the conclusion of the cooking timer count (of the time estab- lished with the parameter c5), for the time established with parameter c6 	11 ALARMS	t1 0 250 s 1 if t0 = 0, minimum time th	at passes between two successive injections				
• in manual mode, by pressing the $\overline{[n]_{\Delta}}$, key for the time established	11.1 Alarms	t_2 t_3 t_4 t_5 t_6 t_7 t_7 t_8 t_7 t_8 t_7 t_8					
with parameter c7.	CODE MEANING AL temperature alarm	t2 1 250 ds (4) 10 if t0 = 0, minimum injection if t0 = 1, injector switch-or					
If the airhole is not managed by any digital output, pressing the $[\mathbf{h}_{\Delta}]$ key will cause the display of the " no " indication for 1s in the lower part	Remedies:	PARAM MIN. MAX. U.M. DEF. VARIOUS					
of the display.	check the chamber temperature		n and of the acoustic output on conclusion of the cooking timer count; see				
8.2 Quick setting of the parameter c7	see parameters A1 and A3 Consequences:	also c9 (5) (6)	ustic output must be descrivated in manual mode by pressing a key				
 make sure that the instrument is in on state and that no procedure is in progress 	Consequences: • the alarm output will be activated		pustic output must be deactivated in manual mode by pressing a key he activation of the airhole and the conclusion of the cooking timer count,				
in progress • press 🛤 and 📊 : the upper part of the display will show "C7", the	 the acoustics output and the buzzer output will be activated 	see also c6					
lower part the corresponding value the left part	PF1 power supply cut-off alarm during cooking timer count		of the airhole at conclusion of the cooking timer count, see also c5				
and the LED 📉 will flash.	with duration shorter than the time established with param-	c7 00:00 60:00 min:s 00:30 duration of the activation of the activ					
The parameter c7 is visualised in the minutes:seconds format.	eter r13 Remedies:	c8 0 1 1 showing the real time in th	e lower part of the display during the stand-by state				
To modify the minutes: • press जित्र or हिंग्रेच within 15s	 press a key to restore the normal display 		e activation of the buzzer and the acoustic output and the conclusion of the				
• press (v)_a or (≼)y within 155 • press (v)_a: the right part will flash.	• check the causes that brought about the power supply	cooking timer count, see a					
To modify the seconds:	cut-off	· · · · · · · · · · · · · · · · · · ·					
• press 📢 or 🤹 within 15s.	Main consequences: • the count will continue until the instrument is powered	EVCO S.p.A.					
The parameter c7 can be set between 00:00 and 60:00 min:s. If the airbole is not managed by any digital output, the lower part of the	 the acoustics output and the buzzer output will be acti- 	Via Mezzaterra 6, 32036 Sedico Phone +39-0437-852468 • Fa		E	vco does		any responsibili Evco does not
If the airhole is not managed by any digital output, the lower part of the	vated			-			
display will show " no " for 1s.	Valea	E Every Control Group info@evco.it • www.evco.it		EVCC	o reserves	the right	: to make any cl

	DEF.	TEMPERATURE ALARMS
)	0	temperature above which the temperature alarm is activated, se also A3 (7)
	0	temperature alarm delay
	0	type of temperature alarm
		0 = no alarm
		1 = absolute (i.e. A1)
		2 = relative to the work set-point (i.e. "work set-point + A1")
	DEF.	DIGITAL INPUTS
	0	effect caused by the activation of the multifunction input
		0 = no effect
		1 = <u>STAR/INTERRUPTION OF THE COOKING TIMER</u> - the activation of the input will cause the cooking
		timer to start and the successive activation will cause its interruption
		2 = BUZZER, ACOUSTIC OUTPUT AND BUZZER OUTPUT DEACTIVATION - the activation of the input will
		cause deactivation of the buzzer, the acoustic output and the buzzer output (activate the input again
		to deactivate these utilities again)
		3 = <u>STEAM INJECTION</u> - in this case:
		• if t0 = 0, the activation of the input causes the injection of steam for the time established with
		parameter t2 or for the entire duration that the key is pressed (parameter t1 establishes the minimum
		time that can pass between the two successive injections) (8)
		• if t0 = 1, the activation of the input will enable automatic steam injection (in cyclical mode; param
		eter t2 establishes the duration of the switch-on of the injector and parameter t1 establishes the
		duration of switch-off) until the input is activated again (8)
	0	type of contact of the multifunction input
		0 = NO (input active with closed contact)
		1 = NC (input active with open contact)
	DEF.	SERIAL NETWORK (MODBUS)
	247	instrument address
	2	baud rate
		0 = 2.400 baud
		1 = 4.800 baud
		2 = 9.600 baud
		3 = 19.200 baud
	2	parity
		0 = none (no parity)
		1 = odd
		2 = even
t o	depends	on parameter P2
el	ative to	the regulators appropriately after modification of parameter P2

off is shorter than the time established with parameter r13, the count will also continue when the instrument is not

stic output are activated before the conclusion of the cooking timer count (of the time established with the parameter c9), I with parameter c4

nterrupted (with the procedure given in paragraph 6.4 or by activation of the malfunction input), the duration of of the acoustic output and the flashing duration of the 00:00 indication will be 3 seconds tial is 10 °C/18 °F

auses the associated effect.