

ENGLISH					ITALIANO				
9 WORKING SETPOINTS AND CONFIGURATION PARAMETERS									
9.1 Working setpoints					9.1 Setpoint di lavoro				
	MIN.	MAX.	U.M.	DEF.	WORKINGSSETPOINTS				
P1	0		°C/°F(1)	0.0	workingsetpoint				
9.2 Configuration parameters					9.2 Parametri di configurazione				
PARAM	MIN.	MAX.	U.M.	DEF.	WORKINGSSETPOINTS				
SP	r1	r2	°C/°F(1)	0.0	workingsetpoint				
PARAM	MIN.	MAX.	U.M.	DEF.	MEASURE INPUTS				
CA1	25.0	25.0	°C/°F(1)	0.0	room probe offset				
R0	0	13	---	2	kind of probe				
					0 = PTC				
					1 = NTC				
					2 = J				
					3 = K				
					4 = 3 wires Pt100				
					5 = 2 wires Pt100				
					6 = 3 wires Pt1000				
					7 = 2 wires Pt1000				
					8 = 4-20 mA				
					9 = 0-20 mA				
					10 = 2-10 V				
					11 = 0-10 V				
					12 = 3 wires Ni 120				
					13 = 2 wires Ni 120				
P1	0	1	---	1	if P0 = 0 ... 7 or 12 ... 13, decimal point Celsius degree				
					1 = YES				
					if P0 = 8 ... 11, decimal point position				
					0 = no decimal point				
					1 = on the digit of ten				
R2	0	2	---	0	unit of measure temperature (influential only on LED Celsius degree and on LED Fahrenheit)				
					P0 = 8 ... 11) (2) (3)				
					0 = °C				
					1 = °F				
					2 = LED Celsius degree and LED Fahrenheit degree will remain turned off				
R3	-199.0	199.0	points	-20.0	minimum value of the range of the transducer				
R4	-199.0	199.0	points	80.0	maximum value of the range of the transducer				
R5	0	1	---	0	quantity to show during the normal operation				
					0 = room temperature				
					1 = workingsetpoint				
PARAM	MIN.	MAX.	U.M.	DEF.	MAIN REGULATOR				
D	0.1	99.0	°C/°F(1)	2.0	working setpoint differential				
r1	-199.0	z	°C/°F(1)	0.0	minimum working setpoint				
r2	r1	(4)	°C/°F(1)	350.0	maximum working setpoint				
G	0	1	---	0	locking the working setpoint modification (with the procedure related in paragraph 4.1)				
					1 = YES				
S	0	1	---	(5)	cooling or heating action				
					0 = cooling				
PARAM	MIN.	MAX.	U.M.	DEF.	LOAD PROTECTIONS				
C1	0	240	min	0	minimum time between two activations in succession of the load; also load delay since the end of the room probe error (6)				
C2	0	240	min	0	minimum time the load remains turned off; also load delay since you turn on the instrument				
C3	0	240	s	0	minimum time the load remains turned on				
C4	0	240	min	10	time the load remains turned off during the room probe error; also look at C5				
C5	0	240	min	10	time the load remains turned on during the room probe error; also look at C4				
PARAM	MIN.	MAX.	U.M.	DEF.	DEFROST (7)				
d0	0	99	h	8	defrost interval (8)				
					0 = the defrost at intervals will never be activated				
d3	0	99	min	0	defrostduration				
					0 = the defrost will never be activated				
d4	0	1	---	0	defrost when you turn on the instrument				
					1 = YES				
d5	0	99	min	0	defrost delay when you turn on the instrument (only if d4 = 1)				
d6	0	1	---	1	temperature shown during the defrost				
					0 = room temperature				
					1 = if to the defrost activation the room temperature is below "working setpoint + r0", at most "working setpoint + r0"; if to the defrost activation the room temperature is above "working setpoint + r0", at most the room temperature to the defrost activation (9)				
PARAM	MIN.	MAX.	U.M.	DEF.	TEMPERATURE ALARMS				
A1	-199.0	(4)	°C/°F(1)	0.0	temperature the first temperature alarm is activated; also look at A3 (10)				
A2	0	240	min	0	first temperature alarm delay (11)				
A3	0	4	---	0	kind of first temperature alarm				
					0 = alarm not enabled				
					1 = absolute lower alarm (or A1)				
					2 = absolute upper alarm (or A1)				
					3 = lower alarm relative to the working setpoint (or "working setpoint - A1"; consider A1 without sign)				

A4	0	240	min	0	4 = upper alarm relative to the working setpoint (or "working setpoint + A1"; consider A1 without sign)						
A5	-199.0	(4)	°C/°F(1)	0.0	temperature the second temperature alarm is activated; also look at A7 (10)						
A6	0	240	min	0	second temperature alarm delay (11)						
A7	0	4	---	0	kind of second temperature alarm						
					0 = alarm not enabled						
					1 = absolute lower alarm (or A5)						
					2 = absolute upper alarm (or A5)						
					3 = lower alarm relative to the working setpoint (or "working setpoint - A5"; consider A5 without sign)						
					4 = upper alarm relative to the working setpoint (or "working setpoint + A5"; consider A5 without sign)						
PARAM	MIN.	MAX.	U.M.	DEF.	SERIAL NETWORK (MODBUS)						
LA	1	247	---	247	instrumentaddress						
LD	0	3	---	2	baud rate						
					0 = 2,400 baud						
					1 = 4,800 baud						
					2 = 9,600 baud						
					3 = 19,200 baud						
LP	0	2	---	2	parity						
					0 = none						
					1 = odd						
					2 = even						
PARAM	MIN.	MAX.	U.M.	DEF.	RESERVED						
ED	0	1	---	1	reserved						
(1)	the unit of measure depends on parameter P2					(1)	l'unità di misura dipende dal parametro P2				
(2)	set the parameters related to the regulators appropriately after the modification of the parameter P2					(2)	impostare opportunamente i parametri relativi ai regolatori dopo la modifica del parametro P2				
(3)	if parameter P0 has value 0 ... 7 or 12 ... 13 and parameter P2 has value 2, the instrument will work as if parameter P2 had value 0					(3)	se il parametro P0 è impostato a 0 ... 7 o a 12 ... 13 e il parametro P2 è impostato a 2, lo strumento funzionerà come se il parametro P2 fosse impostato a 0				
(4)	the value depends on parameter P2 (1,300°C or 1,999°F)					(4)	il valore dipende dal parametro P2 (1,300°C o 1,999°F)				
(5)	the value depends on the instrument code, as follows:					(5)	il valore dipende dal codice dello strumento, nel modo indicato:				
	CODE	VALUE				CODICE	VALORE				
	EVK411???	r5=0 (cooling)				EVK411???	r5=0 (per freddo)				
	EVK411???	r5=1 (heating)				EVK411???	r5=1 (per caldo)				
	EVK411???	r5=1 (heating)				EVK411???	r5=1 (per caldo)				
	EVK411???	r5=1 (heating)				EVK411???	r5=1 (per caldo)				
(6)	The question mark (?) replaces one field, the asterisk (*) replaces one or more fields (if no-one), the field H means heating					(6)	Il punto di domanda (?) sostituisce un campo, l'asterisco (*) sostituisce uno o più campi (o nessuno); il campo H significa heating (per caldo)				
(7)	if parameter r5 has value 1 (heating action), the defrost functions will not be enabled					(7)	se il parametro r5 è impostato a 1 (funzionamento per caldo), le funzioni dello sbrinatorio non saranno abilitate				
(8)	the instrument stores the count of the defrost interval every 30 min; the modification of parameter d0 has effect since the end of the previous defrost interval or since the activation of a defrost by hand					(8)	lo strumento memorizza il conteggio dell'intervallo di sbrinatorio ogni 30 min; la modifica del parametro d0 ha effetto dalla conclusione dell'attivazione di uno sbrinatorio in modo manuale				
(9)	the display restores the normal operation as soon as the defrost ends and the room temperature falls below the one that has locked the display (or if a temperature alarm arises)					(9)	il display ripristina il normale funzionamento quando, concluso lo sbrinatorio, la temperatura dell'ambiente scende al di sotto di quella che ha bloccato il display (o se si manifesta un allarme di temperatura)				
(10)	the differential depends on parameter P0 (2,0°C/4°F if parameter P0 has value 0 ... 7 or 12 ... 13, 2% of P4 - P3 if parameter P0 has value 8 ... 11)					(10)	il differenziale dipende dal parametro P0 (2,0°C/4°F se il parametro P0 è impostato a 0 ... 7 o a 12 ... 13, 2% di P4 - P3 se il parametro P0 è impostato a 8 ... 11)				
(11)	during the defrost the temperature alarms are not enabled, on condition that they have arisen after the activation of the defrost.					(11)	durante lo sbrinatorio gli allarmi di temperatura sono assenti, a condizione che questi si siano manifestati dopo l'attivazione dello sbrinatorio.				

The instrument must be disposed according to the local legislation about the collection of electrical and electronic equipment.
Lo strumento deve essere smaltito secondo le normative locali in materia di raccolta delle apparecchiature elettriche ed elettroniche.