7 • PROGRAMMING INSTRUCTIONS • XE SERIES CONTROLLERS



The configuration code shall be continuously shown. There is no timeout. Exiting the configuration process you will access straightly the 4th group of parameters to modify, if necessary, Set point limits, maximum power output etc.

Thermocouple IEC 584	Type J	060	0°C	c		Logic 0/24	Vdc with t	time-proport	ioning	C	Rever	se	Safety	100% (Yn)	C
	Type L	060	0°C	З		Time-proportioning relay * 5 Dire				Direct		Safety	100% (Yh)	3	
	Type K	0120	0°C	9	1	Logic 0/24	Vdc with t	time-proport	ioning *	7	Rever	se	Safety	-100% (Yh2) *	9
	Type S	0160	0°C	5						$\overline{\wedge}$	Direct		Safety	-100% (Yh2) \star	5
420mA Conf.eng. u			inits	Б												$ \rightarrow $
020mA Conf. eng		Conf. eng.	units	7	.											\leq
01 Vdc Conf. eng		Conf. eng.	units	Ð	ſ		- FFF	I A								
010 Vdc Conf. enç		Conf. eng.	units	9					You car	n config	jure y	our ins	trument	just er	tering	1
First block of 4					-) []	'_! 	through	i the k if at	t the p	oard an	5 char	acters vill	code)
Second block of configuration code H									<u> </u>	that IS	mea NOT	ns the i	IGUREI	ent)		
Type of Set point and control mode utput Y3 (4)				1	For n	nA and V	olts inputs	s, the begin	ning and e	nd of so	cale T	Type of Se output Y2	et point an	d contro	ol mode	G
Disabled			Ω		and (d 9900 The minimum scale shan is 100 stops. The						Disabled				8
Deviation with startup inhibition	Ac	tive high	1		value	es can be	expresse	d in units ()	(XXX). in ter	nths (xxx	(.x). [Deviation	with	Active	high]
	Ac	tive low	2		hundredths (xx.xx), or thousandths (x.xxx).					,, s	startup inl	nibition	Active	low	2	
Band	Ac	tive outside	outside 3 2			For heat-cool control, select the outputs with * from (G-6)						Band	Active	outside	З	
	Ac	tive inside	4		to (G	to (G-9)								Active	inside	9
Independent	Ac	tive high	5	3	The safety state is the value assumed by Y1 in case of						e of	Independent	Active	high	5	
	Ac	Active low 5			failur	failure in the control loop. Actually, it is the value defining the					the _			Active	low	5
Deviation	Ac	tive high	7		uppe	upper limit of Y1. Safety states with * (H-4) or (H-5) impose						Deviation		Active	high	7
	Ac	tive low	Ð	л	the maximum limit to Gool action. Evaluding the output option $X^2 (C = 0)$ implies calesting					tina -	Active			low	Ð	
Cool - Heat			9	4	Excluding the output option Y3 (C = 0) implies selecting $(H = 0)$ in configuration.						<u>Ling</u>	Loop - Break - Alarm				9

8 • OPERATING INSTRUCTIONS • XE SERIES CONTROLLERS

