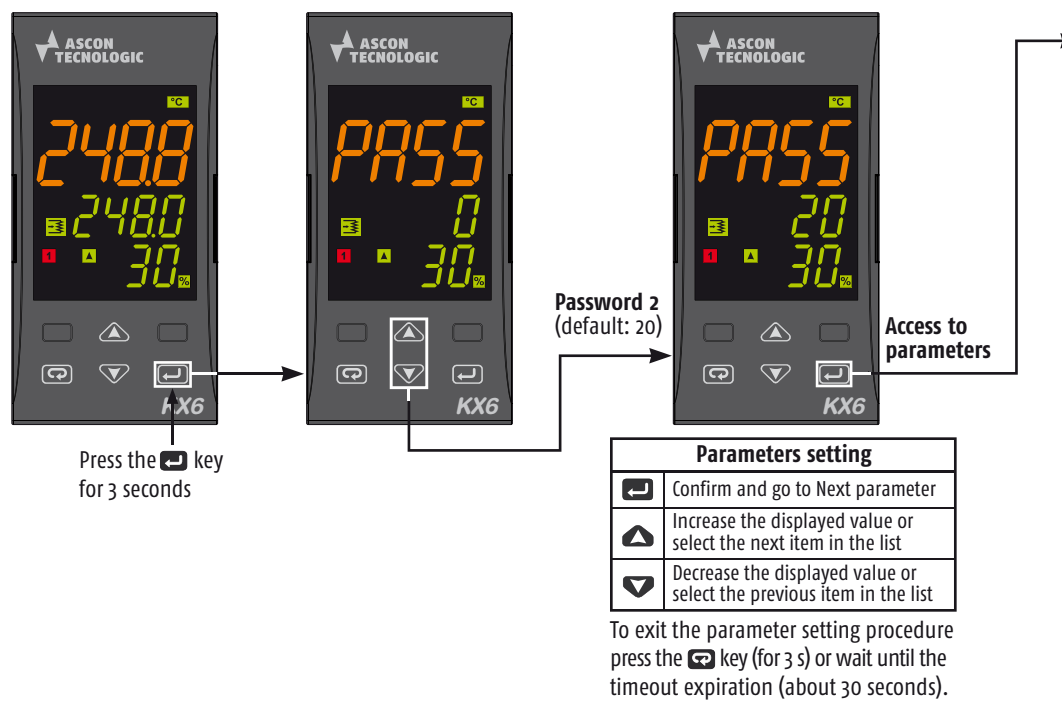
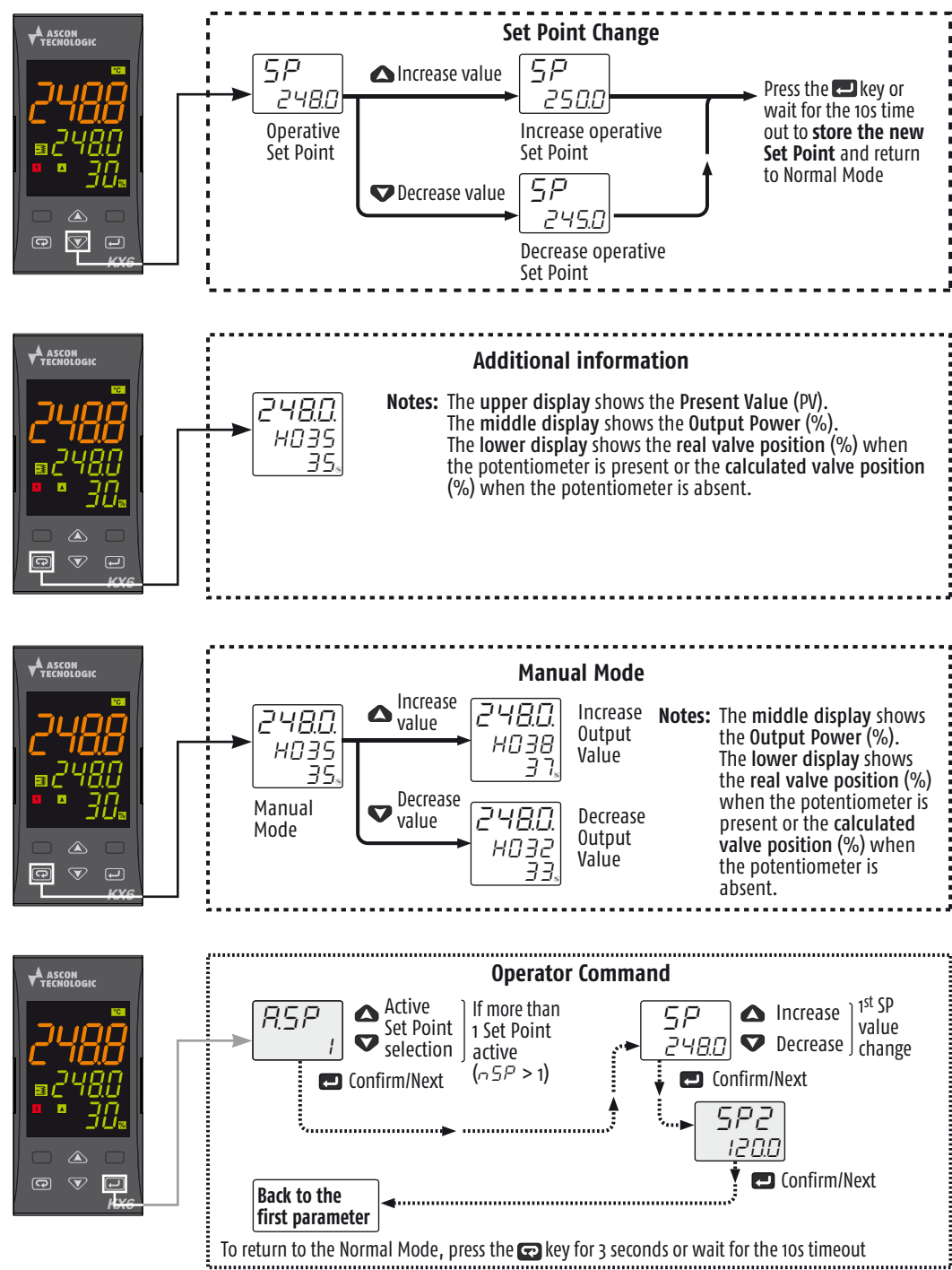




PARAMETERS SETTING



CONTROLLER OPERATION



Parameters List (*PASS: 20*) (in gray the parameters related to optional features)

Group	Param.	Description	Range value or selection list elements	Default	User value	Note
Commands	<i>oPEr</i>	Operative mode selection	Auto = Auto mode; oPLo = Manual mode.	Auto		
	<i>tunE</i>	Autotuning manual start	oFF = Not active; on = Active	oFF		
Control	<i>Pb</i>	Proportional band	1... 9999 (E.U.)	50		
	<i>t i</i>	Integral time	From 0 (oFF) to 9999 (s)	200		
	<i>t d</i>	Derivative time	From 0 (oFF) to 9999 (s)	oFF		
	<i>dbS</i>	Servomotor dead band	0... 100%	50		
Alarms	<i>RL 1</i>	AL1 threshold	-1999... 9999	0		
	<i>HRL 1</i>	AL1 hysteresis	1... 9999 (E.U.)	1		
	<i>RL 1t</i>	Alarm 1 type	nonE = Alarm not used; LoAb = Absolute low alarm; HiAb = Absolute high alarm; LHAo = Window alarm in alarm outside the window; LHAi = Window alarm in alarm inside the window; SE.br = Sensor Break; LodE = Deviation low alarm (relative); HidE = Deviation high alarm (relative); LHdo = Relative band alarm in alarm out of the band; LHdi = Relative band alarm in alarm inside the band.	Hi.Ab		
	<i>RL 2</i>	AL2 threshold	-1999... 9999	0		
	<i>HRL 2</i>	AL2 hysteresis	1... 9999 (E.U.)	1		
	<i>RL 2t</i>	Alarm 2 type	nonE = Alarm not used; LoAb = Absolute low alarm; HiAb = Absolute high alarm; LHAo = Window alarm in alarm outside the window; LHAi = Window alarm in alarm inside the window; SE.br = Sensor Break; LodE = Deviation low alarm (relative); HidE = Deviation high alarm (relative); LHdo = Relative band alarm in alarm out of the band; LHdi = Relative band alarm in alarm inside the band.	Hi.dE		
Set Point	<i>RSP</i>	Active set point selection	From 1 (SP 1) to nSP	1		
	<i>SP</i>	Set point 1	From SPLl to SPLH	0		
	<i>SP 2</i>	Set point 2	From SPLl to SPLH	0		
	<i>SPLl</i>	Minimum set point value	From -1999 to SPHL	-1999		
	<i>SPHL</i>	Maximum set point value	From SPLl to 9999	9999		
	<i>nSP</i>	Number of used set points	1... 4	2		
Configuration	<i>PoE</i>	Potentiometer enabling	nonE = Potentiometer not used; pot.o = Potentiometer used for indication.	Pot.o		
	<i>PcAL</i>	Automatic potentiometer calibration	no = Potentiometer calibration disabled; YES = Potentiometer calibration enabled.	no		
	<i>St.rL</i>	Servomotor stroke time	5... 300 seconds	60		
	<i>SEnS</i>	Input type	J = TC J (0... 1000°C/32... 1832°F); crAL = TC K (0... 1370°C/32... 2498°F); S = TC S (0... 1760°C/32... 3200°F); r = TC R (0... 1760°C/32... 3200°F); t = TC T (0... 400°C/32... 752°F); 0.20 = 0... 20 mA; 4.20 = 4... 20 mA.	J		
	<i>dP</i>	Decimal Point Position	0... 3	0		
	<i>SSC</i>	Initial Scale Value	-1999... 9999	0		
	<i>FSC</i>	Full Scale Value	-1999... 9999	1000		
	<i>un iE</i>	Engineering unit	°C / °F	°C		
	<i>oPE</i>	Safety output value	-100... 100 (% of the output)	0		
	<i>d iF 1</i>	Digital Input 1 function	oFF = Not used; 1 = Alarm reset; 2 = Alarm acknowledge (ACK); 3 = Hold of the measured value; 4 = Reserved; 5 = Manual mode; 6 = HEAT with SP1 and Cool with SP2; 7 = SP1 - SP2 selection.	oFF		
	<i>d iF 2</i>	Digital Input 2 function		oFF		
	<i>uSrb</i>	button function during RUN TIME	nonE = No function; tunE = Auto-tune/self-tune enabling; oPLo = Manual mode; AAc = Alarm reset; ASi = Alarm acknowledge; St.by = Reserved; SP1.2 = SP/SP2 selection.	oPLo		
	<i>PAS2</i>	Level 2 password (limited access level)	- oFF (Level 2 not protected by password); - 1... 200.	20		

Complete Configuration and Parameter setting can be easily uploaded from the controller and downloaded to other controllers using the: **Configuration Key and Communication Adapter model: A-o1.**

Alarm Types

