

PID Controllers

Model / Catalog	Size HxWxD mm	Input	Setpoints	Analog Output	Supply	Display Digits	RS485 / MODBUS RTU	Remarks
X96P	96x96x100	Universal	5	2	85~265 V AC, 50/60 Hz / 20~35 V DC	4+4+3	Yes	Full featured
X48	48x48x100	Universal	3	1	85~265 V AC, 50/60 Hz / 20~35 V DC	4+4	Yes	Full featured
X96	96x96x100	Universal	5	1	85~265 V AC, 50/60 Hz / 20~35 V DC	4+4	Yes	Full featured
X72	72x72x100	Universal	5	1	85~265 V AC, 50/60 Hz / 20~35 V DC	4+4	Yes	Full featured
X49	48x96x100	Universal	4	1	85~265 V AC, 50/60 Hz / 20~35 V DC	4+4	Yes	Full featured
X94	96x48x100	Universal	4	1	85~265 V AC, 50/60 Hz / 20~35 V DC	4+4	Yes	Full featured
P48	48x48x100	Universal	2	1	85~265 V AC, 50/60 Hz / 20~35 V DC	4+4	No	Midrange
P96	96x96x100	Universal	2	1	85~265 V AC, 50/60 Hz / 20~35 V DC	4+4	No	Midrange
P72	72x72x100	Universal	2	1	85~265 V AC, 50/60 Hz / 20~35 V DC	4+4	No	Midrange
P49	48x96x100	Universal	2	1	85~265 V AC, 50/60 Hz / 20~35 V DC	4+4	No	Midrange
P94	96x48x100	Universal	2	1	85~265 V AC, 50/60 Hz / 20~35 V DC	4+4	No	Midrange
P348	48x48x100	J, K, Pt100	1	0	85~265 V AC, 50/60 Hz	3	No	Low-cost
P396	96x96x100	J, K, Pt100	1	0	85~265 V AC, 50/60 Hz	3	No	Low-cost
P372	72x72x100	J, K, Pt100	1	0	85~265 V AC, 50/60 Hz	3	No	Low-cost

Programmable Temperature / Process Controllers

Model / Catalog	Size HxWxD mm	Input	Setpoints	Analog Output	Display Digits	RS485 / MODBUS RTU	Supply	Remarks
X96A	96x96x100	2 x Universal	4	2	4+4+4	Yes	85~265 V AC, 50/60 Hz / 20~35 V DC	Difference, Average, etc
X48A	48x48x100	Universal	3	1	4+4	Yes	85~265 V AC, 50/60 Hz / 20~35 V DC	Full featured
X96A	96x96x100	2 x Universal	4	2	4+4	Yes	85~265 V AC, 50/60 Hz / 20~35 V DC	Single/Dual Channel
X72A	72X72X100	Universal	4	1	4+4	Yes	85~265 V AC, 50/60 Hz / 20~35 V DC	Full featured
X49A	48x96x100	Universal	3	1	4+4	Yes	85~265 V AC, 50/60 Hz / 20~35 V DC	Full featured
X94A	96x48x100	Universal	3	1	4+4	Yes	85~265 V AC, 50/60 Hz / 20~35 V DC	Full featured
TC48	48x48x100	Universal	2	1	4+4	No	85~265 V AC, 50/60 Hz / 20~35 V DC	Midrange
TC96	96x96x100	Universal	2	1	4+4	No	85~265 V AC, 50/60 Hz / 20~35 V DC	Midrange
TC72	72X72X100	Universal	2	1	4+4	No	85~265 V AC, 50/60 Hz	Midrange
TC49SU	48x96x100	Universal	2	1	4	No	85~265 V AC, 50/60 Hz / 20~35 V DC	Midrange
TC49	48x96x100	Universal	2	1	4+4	No	85~265 V AC, 50/60 Hz / 20~35 V DC	Midrange
EC48	48x48x100	J, K, Pt100	2	0	4+4	No	85~265 V AC/DC	Low cost
EC96	96x96x100	J, K, Pt100	2	0	4+4	No	85~265 V AC/DC	Low cost
EC72	72X72X100	J, K, Pt100	2	0	4+4	No	85~265 V AC/DC	Low cost
EC48S	48x48x100	J, K, Pt100	1	0	4	No	85~265 V AC/DC	Low cost
EC96S	96x96x100	J, K, Pt100	1	0	4	No	85~265 V AC/DC	Low cost
EC72S	72X72X100	J, K, Pt100	1	0	4	No	85~265 V AC/DC	Low cost
EC49S	48x96x100	J, K, Pt100	1	0	4	No	85~265 V AC/DC	Low cost
EC348	48x48x100	J, K, Pt100	1	0	3	No	85~265 V AC/DC	Low cost
EC396	96x96x100	J, K, Pt100	1	0	3	No	85~265 V AC/DC	Low cost
EC372	72X72X100	J, K, Pt100	1	0	3	No	85~265 V AC/DC	Low cost
TCP961	96x96x100	Universal	1	1	4	No	85~265 V AC, 50/60 Hz / 20~35 V DC	SP on pushwheel switches
TCP962	96x96x100	Universal	2	1	4	No	85~265 V AC, 50/60 Hz / 20~35 V DC	SP on pushwheel switches
FLOTO	96x96x100	0/4~20mA, 0~10 VDC	4	1	6+6	Yes	85~265 V AC/DC	-19999 to 99999, 4 setpoints, relay modes, linear or square root input

Digital Temperature Controllers

Model / Catalog	Size HxWxD mm	Input	Setpoints	Analog Output	Display Digits	Setpoint Setting
PRIMA 1SP	96x96x150	J,K,Pt100,mA,mV	1	1	3.5	Membrane + potentiometers
PRIMA 2SP	96x96x150	J,K,Pt100,mA,mV	2	1	3.5	Membrane + potentiometers
PRIMA 481	48x48x100	J,K,Pt100,mA,mV	1	1	3.5	Tact switch + trimpot
PRIMA 721	72x72x113	J,K,Pt100,mA,mV	1	1	3.5	Tact switch + trimpot
LCP 722	72x72x113	J,K,Pt100,mA,mV	2	0	3.5	Tact switch + trimpot
EK491	48x96x112	J,K,Pt100,mA,mV	1	1	3.5	Tact switch + trimpot
EK1SP	96x96x150	J,K,Pt100,mA,mV	1	1	3.5	Membrane + trimpot
EK2SP	96x96x150	J,K,Pt100,mA,mV	2	1	3.5	Membrane + trimpot
EK4SP	96x96x150	J,K,Pt100,mA,mV	4	1	3.5	Membrane + trimpot
EK451	96x96x150	J,K,Pt100,mA,mV	1	1	4.5	Membrane + trimpot
EK452	96x96x150	J,K,Pt100,mA,mV	2	1	4.5	Membrane + trimpot
TSC1SP	96x96x150	J,K,Pt100,mA,mV	1	1	3.5	Pushwheel switch
TSC2SP	96x96x150	J,K,Pt100,mA,mV	2	1	3.5	Pushwheel switch
TSC 721	72x72x113	J,K,Pt100,mA,mV	1	1	3.5	Pushwheel switch

Blind Temperature Controllers

Model / Catalog	Size HxWxD mm	Input	Setpoints
C48S	48x48x100	J,K,Pt100	1
ELEKTRA II	72x72x113	J,K,Pt100	1
C961	96x96x150	J,K,Pt100	1