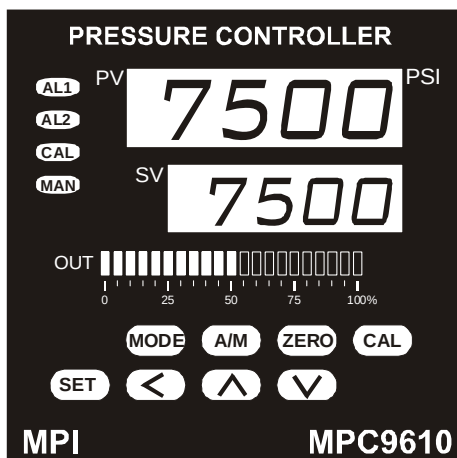




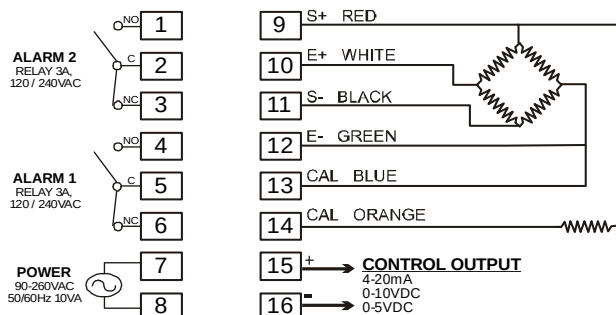
MPC9610 - PRESSURE CONTROLLER



STANDARD

350ohm STRAIN GAGE INPUT
AUTO / MANUAL CONTROL
(BUMPLESS TRANSFER)
PID CONTROL OUTPUT
SCALEABLE RANGE
ALARMS - HIGH & LOW
AUTO CALIBRATION
MANUAL ZERO
LOCKOUT
PROCESS VALUE - RETRANS
FAST SAMPLING RATE - 100ms
CONTROL RESPONSE TIME - 100ms

TERMINAL CONFIGURATION



MODEL CODE

MPC9610- P - CONTROL OUTPUT

M	4-20mA
0	0-10mA
1	0-20mA
5	0-5VDC
6	1-5VDC
10	0-10VDC

SPECIFICATIONS - MPC9610

1. INPUT - PRESSURE TRANSDUCER

350ohm STRAIN GAUGE
EXCITATION VOLTAGE 10VDC
ACCURACY +/-0.5%
SAMPLE RATE 100ms

2. CONTROL

Proportional Band 0.1-999.9 psi
Rest (Integral) 0-999.9 Sec.
Rate (Derivative) 0-999.9 Sec.
Anti Rest Windup Inhibit integral action outside Proportion Band
Ramp Rate 0-1000psi / minute.

3. OUTPUT

Current Isolated 0 (4) - 20 mA Max load 500 ohms.
Linear Volts 1~5, 0~5, 0~10VDC. MAX 20mA

4. ALARM OUTPUTS

ALARM 1 5A/240VAC resistive
ALARM 2 5A/240VAC resistive

5. POWER

Rating 85 - 265 VAC 50/60Hz 5VA max

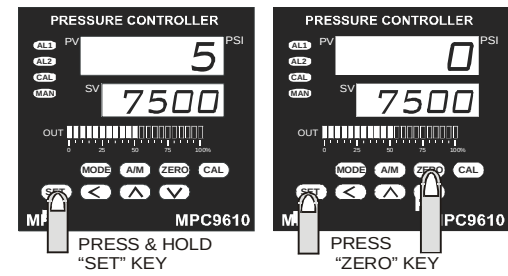
6. ENVIRONMENTAL

Operating Temp -10 - 50C
Humidity 0- 90%
Insulation 20M ohms minimum @ 500VDC

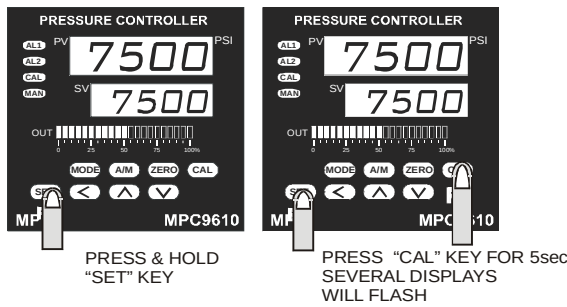
7. PHYSICAL DIMENSIONS

MPC9610 96mmW x 96mmH x 100mmD
MPC9610 Cutout 91mmW x 91mmH +/-0.5mm
WEIGHT 300g

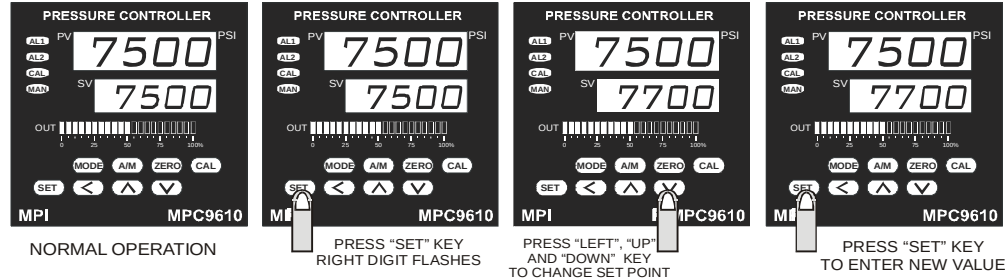
ZERO DISPLAY



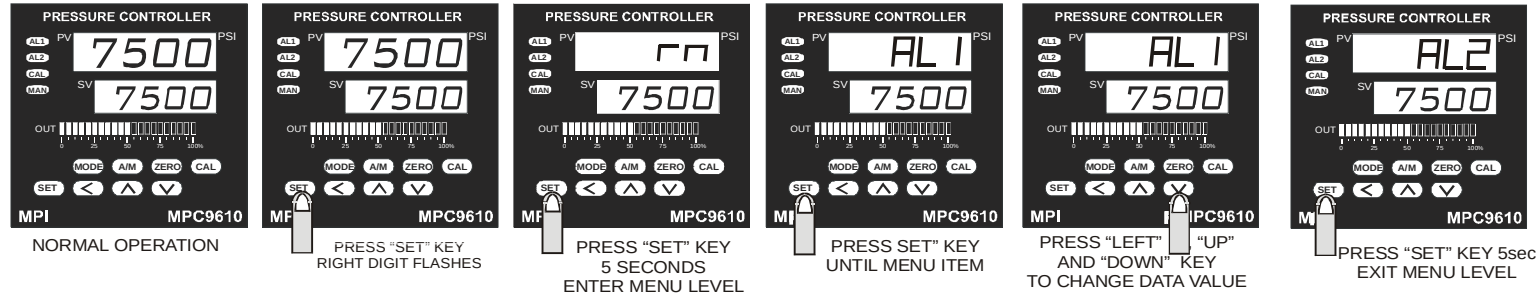
AUTO CAL



CHANGE SETPOINT



CHANGE MENU PARAMETERS



CODE	PARAMETER	RANGE	DEFAULT
LCK	LOCK	0000 - NO LOCK 0001 - ALL LOCKED	0000 - NO LOCK
rn	MEASUREMENT RANGE	500 - 9999	9999
du	DISPLAY GRADUATION	1, 2, 5	5
dot	DO NOT ADJUST	DO NOT ADJUST	DO NOT ADJUST
AL1	ALARM 1	0 - 9999	8000
SEL1	ALARM 1 TYPE	0 - NONE 1 - LOW ALARM 2 - HIGH ALARM	2 - HIGH ALARM
dLY1	ALARM 1 HYSTERESIS	0 - 100	10
AL2	ALARM 2	0 - 9999	1000
SEL2	ALARM 2 TYPE	0 - NONE 1 - LOW ALARM 2 - HIGH ALARM	1 - LOW ALARM
dLY2	ALARM 2 HYSTERESIS	0 - 100	10
E_SC	DO NOT ADJUST	DO NOT ADJUST	DO NOT ADJUST
P	PROPORTIONAL VALUE	0 - 100	60
I	INTEGRAL VALUE	0 - 500	10.0
d	DERIVATIVE VALUE	0 - 500	0

CODE	PARAMETER	RANGE	DEFAULT
OL	DO NOT ADJUST	DO NOT ADJUST	DO NOT ADJUST
Sbr	DIGITAL FILTER	DO NOT ADJUST	DO NOT ADJUST
OUT	CONTROL OUTPUT	0u10 0-10VDC 4-20 4-20mA 0-20 0-20mA	0-10 0-10mA 0-5 0-5VDC 4-20 4-20mA



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