KM-ADCD series

SQUARE LIGHT

TOWER LIGHT

BUZZER

TIMER & COUNTER

RELAY

SOCKETS

TERMINAL BLOCKS

CONTROL BOX

Quick Selection Guide

CODE		DESCRIPTION
A	Current	Ampere
D	Input	DC
C	Measuring range	4~20mA
D	Power supply	DC 24V
-	Mounting	Horizontal
V		Vertical

- Compact size 49(W) x 12.7(H) x 68(D)
- Display DC input as LED graphical bar (0-100%)
- Mode selector (adjust SPAN)

Specification

Power supply voltage	24VDC
Power consumption	Maximum 0.5W
Indicator	RED and GREEN LED
Maximum input value	DC 20mA±10%
Measurement error	Maximum 1%
Error by temperature	Maximum ±2% per 1˚C
Insulation resistance	Minimum 100MΩ
Withstand voltage	1000VAC 50/60Hz for 1 minute
Noise resistance	Square wave noise by noise simulator: (Pulse Width 1 μs) ±1 kV
Operating ambient temperature	-10 - +55˚C (not in frozen condition)
Operating ambient humidity	35 - 85%RH
Wiring	Terminal screw
Body material	Nylon
Net. Weight	35g

Operation indicator

0% Red LED ON	Very low input current (under 0.5mA)
0% Red LED flickering	Low Input current (0.6mA ~ 3.4mA)
0% Red / Green LED ON	Input current reaches 0% (3.5mA ~ 4.4 mA)
0~100% Red / Green LED ON	Input current reaches 100% (19.5mA ~20.4mA)
100% Red LED flickering	Input current exceeds the Maximum input value(20.5mA)

Modes

Mode 1	Adjust Span (0%)	Set the present value as "0%" [1]
Mode 2	Adjust Span (100%)	Set the present value as "100%" [2]
Mode 3	Factory reset	Reset all value [3]
Mode 4	Demo display	Demo mode operation [4]

(1) Set range 2 - 6mA, 0% RED LED 1 flickering and if no additional input for 2 seconds, set current input value as 0%.
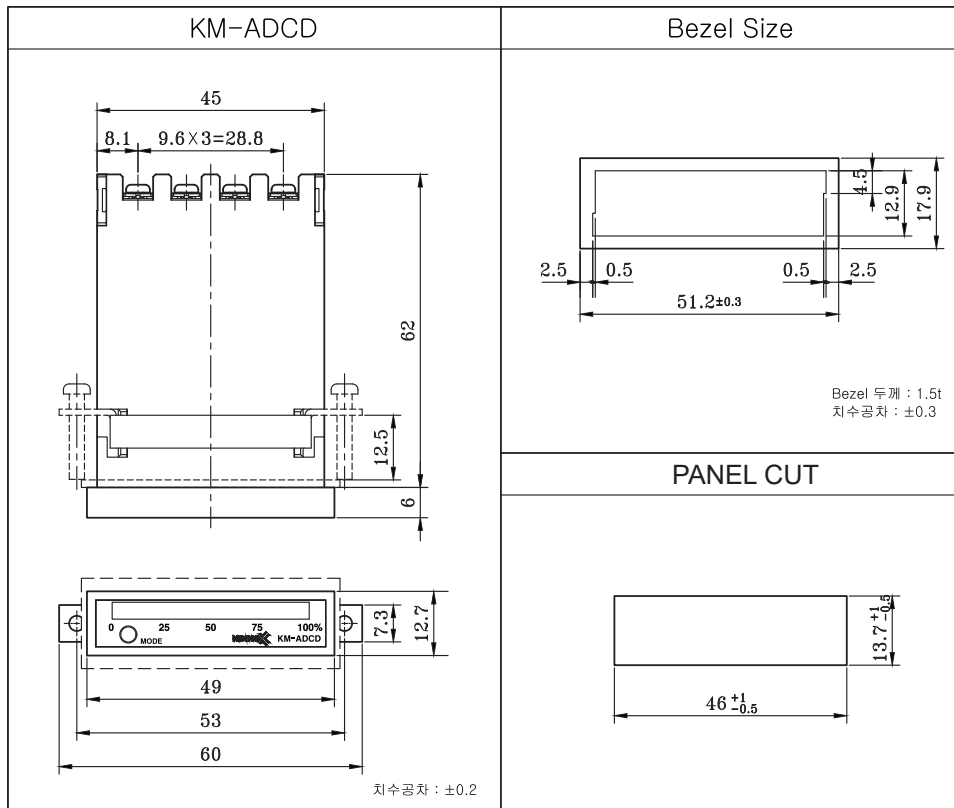(2) Set range 18 - 22mA, 100% RED LED 1 flash and if no additional input for 2 seconds, set current input value as 100%.
(3) 0% RED / GREEN LED 1 flash and if no additional input for 2 seconds, reset all the valures.
(4) 100% RED / GREEN LED 1 flash and if no additional input for 2 seconds, run DEMO mode
* Flicker RED LED 3 times and returns to default operating mode when out of range or more than 5 times.

Dimensions

KM-ADCD

Bezel Size

Bezel 두께 : 1.5t
치수공차 : ±0.3

PANEL CUT

치수공차 : ±0.2