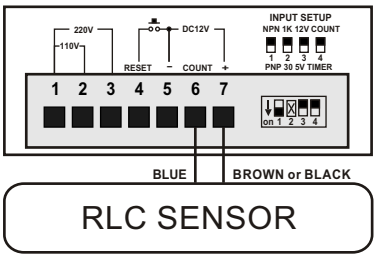
MT-C3 系列 累計計數器操作說明

SetPro

TERMINAL CONNECTION & DIP S.W. SETUP

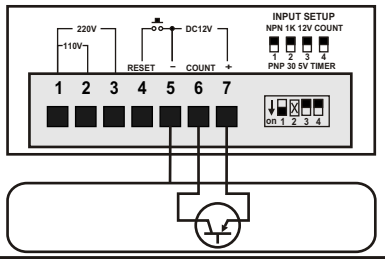
Terminal Pin 1, 2 : for AC Power 110V ; Pin 1, 3 for AC Power 220V.
Terminal Pin 4 : for Reset Input (Short with Pin 5 Enable).
Terminal Pin 5 : DC 0V ; Pin 7 : DC 12V for Sensor Power (40 mA).
Terminal Pin6 : for Count Input , 10 connection as follow.
DIP.SW. : SW 1 for Count Input NPN(OFF)/PNP(ON) Select.
DIP.SW. : SW 2 for Count Input Logic(OFF)/Contact(ON) Select.
DIP.SW. : SW 3 for Count Input Level 12V(OFF)/5V(ON) Select.
DIP.SW. : SW 4 for Timer timebase Input (On Enable) 50/60 Hz.



2-WIRE PROXIMITY SENSOR CURRENT SOURCE CONNECTED

Pin 7 connect to Brown or Black wire.
Pin 6 connect to Blue wire.

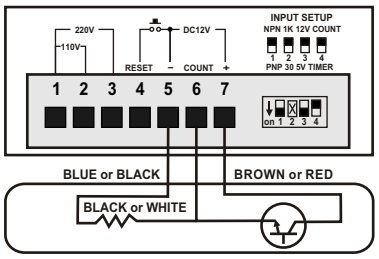
DIP. SW 1 Put ON.
DIP. SW 2 Put OFF for 1K cps Input.
DIP. SW 2 Put ON for 30 cps Input.
DIP. SW 3 Put OFF.
DIP. SW 4 Put OFF.



PNP OPEN COLLECTOR SENSOR

Pin 7 connect to Brown or Red wire.
Pin 6 connect to Black or White wire.
Pin 5 connect to Blue or Black wire.

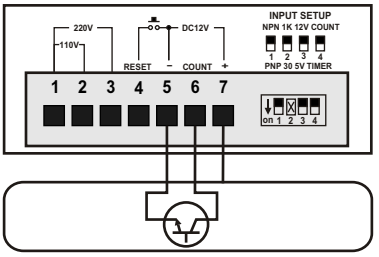
DIP. SW 1 Put ON.
DIP. SW 2 Put OFF for 1K cps Input.
DIP. SW 2 Put ON for 30 cps Input.
DIP. SW 3 Put OFF.
DIP. SW 4 Put OFF.



SENSOR WITH DC 5V EMITTER FOLLOWER OUTPUT

Pin 7 connect to Brown or Red wire.
Pin 6 connect to Black or White wire.
Pin 5 connect to Blue or Black wire.

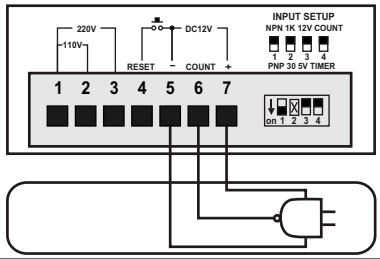
DIP. SW 1 Put ON.
DIP. SW 2 Put OFF for 1K cps Input.
DIP. SW 2 Put ON for 30 cps Input.
DIP. SW 3 Put ON.
DIP. SW 4 Put OFF.



NPN OPEN COLLECTOR SENSOR

Pin 7 connect to Brown or Red wire.
Pin 6 connect to Black or White wire.
Pin 5 connect to Blue or Black wire.

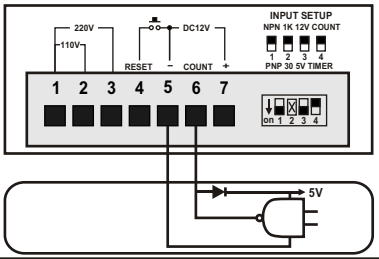
DIP. SW 1 Put OFF.
DIP. SW 2 Put OFF for 1K cps Input.
DIP. SW 2 Put ON for 30 cps Input.
DIP. SW 3 Put OFF.
DIP. SW 4 Put OFF.



CONNECT WITH CMOS CIRCUIT DC 12V LEVEL

Pin 7 DC 12V Output.
Pin 6 Signal Input.
Pin 5 DC 0V Output.

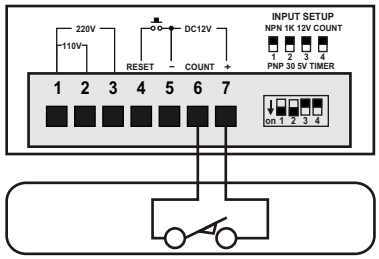
DIP. SW 1 Put ON.
DIP. SW 2 Put OFF for 1K cps Input.
DIP. SW 2 Put ON for 30 cps Input.
DIP. SW 3 Put OFF.
DIP. SW 4 Put OFF.



CONNECT WITH TTL CIRCUIT DC 5V LEVEL

Pin 7 No Connection.
Pin 6 Signal Input.
Pin 5 Signal Input Coom.

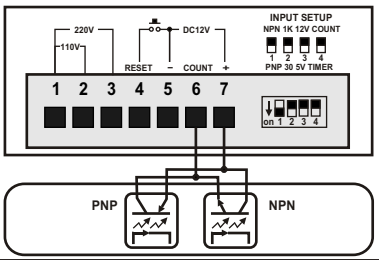
DIP. SW 1 Put ON.
DIP. SW 2 Put OFF for 1K cps Input.
DIP. SW 2 Put ON for 30 cps Input.
DIP. SW 3 Put ON.
DIP. SW 4 Put OFF.



CONTACT SWITCH INPUT COUNT ON CLOSING

Pin 7 Connect to SW comm.
Pin 6 Connect to SW NO.
Pin 5 No Connection.

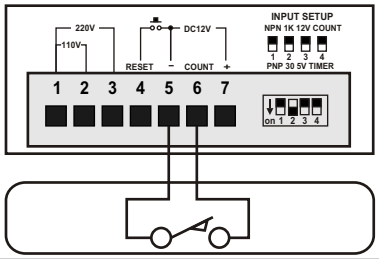
DIP. SW 1 Put ON.
DIP. SW 2 Put ON
DIP. SW 3 Put OFF
DIP. SW 4 Put OFF.



ISOLATED TRANSISTOR OUTPUT COUNT ON TURN-ON

Pin 7 Connect to Collector(NPN) or,
Pin 7 Connect to Emitter(PNP).
Pin 6 Connect to Collector(NPN) or,
Pin 6 Connect to Emitter(PNP).

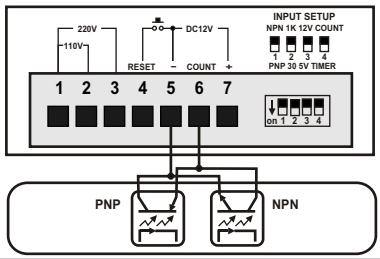
DIP. SW 1 Put ON.
DIP. SW 2 Put OFF.
DIP. SW 3 Put OFF..
DIP. SW 4 Put OFF.



CONTACT SWITCH INPUT COUNT ON OPENING

Pin 7 No Connection.
Pin 6 Connect to SW NO.
Pin 5 Conncct to SW Comm.

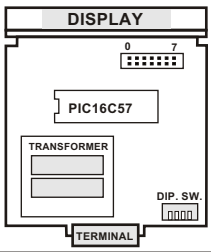
DIP. SW 1 Put OFF.
DIP. SW 2 Put ON
DIP. SW 3 Put OFF
DIP. SW 4 Put OFF.



ISOLATED TRANSISTOR OUTPUT COUNT ON TURN-OFF

Pin 6 Connect to Collector(NPN) or,
Pin 6 Connect to Emitter(PNP).
Pin 5 Connect to Collector(NPN) or,
Pin 5 Connect to Emitter(PNP).

DIP. SW 1 Put OFF.
DIP. SW 2 Put OFF.
DIP. SW 3 Put OFF..
DIP. SW 4 Put OFF.



Cont divide setting by JP3 (Bit 0 ~ 7)

EXAMPLE : Divide 60.

60 = 1+1(Pin 0) + 2(Pin 1) + 8(Pin 3) + 16(Pin 4) + 32(Pin 5)

http://www.setprop.com