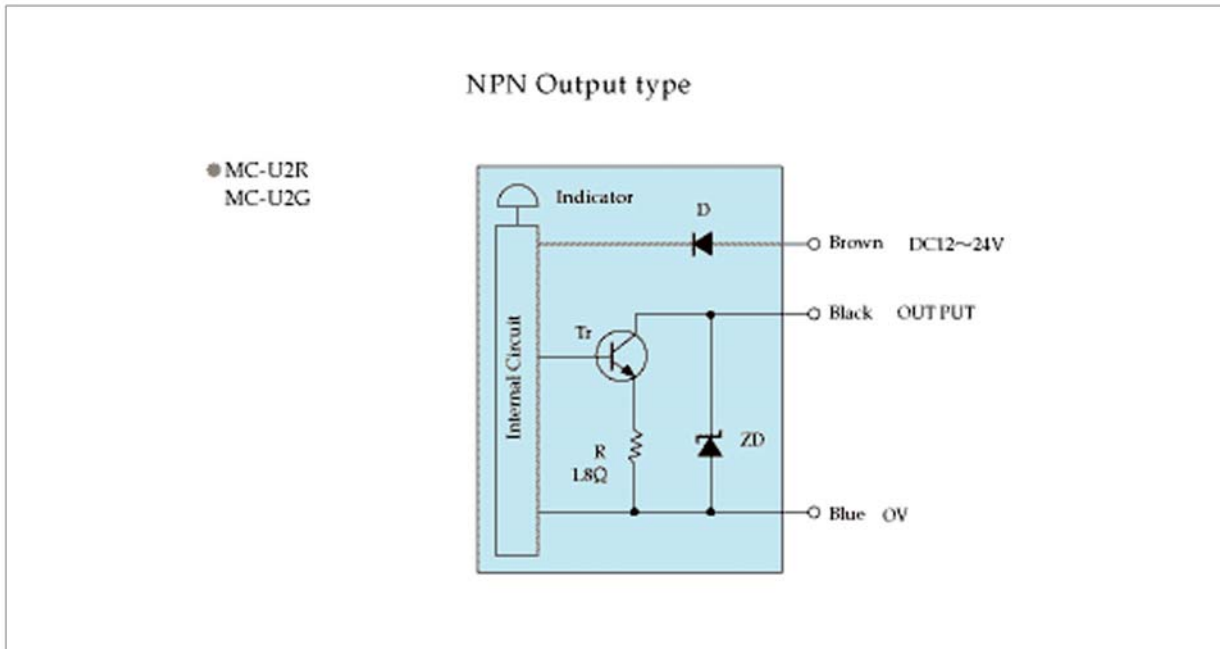


MC series

- Blue LED type available !
(Most suitable for detecting yellow register marks)
- Self cleans the lens surface
- As it has a large area glass lens with large bend ratio, No Damage to Work
- Waterproof IP67 - washable, Multi turn adjustment is used, which enables fine finger tip adjustment.



OUTPUT CIRCUIT



SPECIFICATIONS

Type	Open collector NPN output		NPN/PNP 2 output	
Model	MC-U2R	MC-U2G	MC-U2RTC	MC-U2GTC
Detection Method	Through beam (Slot Sensor)			
Operating Range	2mm fixed			
Voltage	12-24V DC \pm 10%, Ripple 10% (Max.)			
Current Consumption	20mA (Max.)	28mA (Max.)	22mA (Max.)	30mA (Max.)
Output Mode	NPN Open collector Rating: Sink current 100mA(30VDC) Max.		Open collector NPN/PNP 2 output Rating: Source current 100mA(30VDC) Max.	
Operating mode	Light-on/Dark-on Selectable			
Response time	0.5msec. (Max.)			
Min. Detecting mark	1mm			
Light source	Red LED (680nm)	Green LED (570nm)	Red LED (680nm)	Green LED (570nm)
LED indicators	O.P.L : Operation indicator (Red LED) S.T.B : Stability indicator (Green LED)			
Sensitivity	4 turns adjustment			
Switch (SW)	Light-on, Dark-on switchable (L.side:Light-on, D.side:Dark-on) Light power switchable (L.side:Low power, H.side:High power)			
Circuit protection	Built in Short circuit protection			
Material	Case : ABS resin, Lens : Glass			
Connection	3m Flying lead 0.22 \times 3C		3m Flying lead 0.22 \times 4C	
Weight	120g (Max.)			

DIMENSIONS

