

- Multi-fixed method
- Output status : Light ON / Dark ON changeable
- High solid compact construction : IP- 66
- Connection method
 - Lead wire
 - M8 connector
 - Lead wire M8 connector

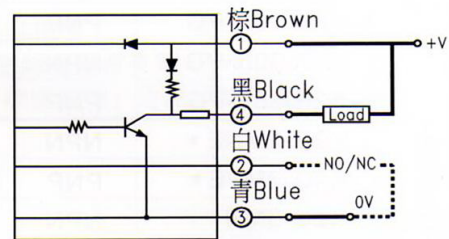


General Specification

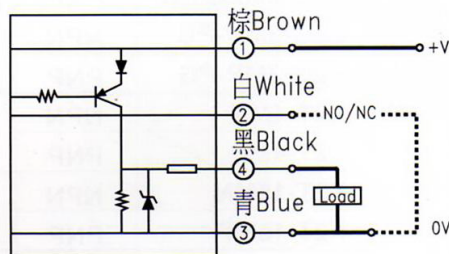
Specification	Data
Operating voltage	10 ~ 30VDC
Ripple of power	20% peak to peak
Output method	NPN or PNP
Output status	Light ON / Dark ON changeable
Output current	150mA max.
Residual voltage	0.1V max.
Leakage current	0.8mA max.
Protection circuit	Short circuit & polarity reversed protection
Housing material	Housing : Intensive PBT ; Lenz : PMMA
Illumination	Lamp light < 10,000Lux ; Sunlight < 20,000Lux
Noise resistance	2kv / 1μs
Dielectric strength	2.5kv / 1 minute min.
Insulation strength	100 MΩ / 500vdc
Operating circumstance	-25°C ~ +80°C ; 35% ~ 85% RH
Protection class	IP-66
Approval	CE / UL / RoHS

Connection diagram

NPN



PNP



Output status

NO : White wire is opened
 NC : White wire is connected to "0V"

Dimension

Lead wire	M8 Lead wire	M8 Connector

Type	Model	Output method	Sensing distance	Connection method	Emitter LED	Sensing adjuster	Response time	Operating	
								Voltage	Current
Diffuse	UR-10N	NPN	100mm	Lead wire	Infrared LED	270° Trimmer	1ms	10~30Vdc	30mA Max.
	UR-10P	PNP							
	UR-30N	NPN	300mm						
	UR-30P	PNP							
	UR-10N-M8	NPN	100mm	M8 Connector					
	UR-10P-M8	PNP							
	UR-30N-M8	NPN	300mm						
	UR-30P-M8	PNP							
	UR-10N-PG	NPN	100mm	M8 Lead wire					
	UR-10P-PG	PNP							
	UR-30N-PG	NPN	300mm						
	UR-30P-PG	PNP							
Retro-reflective	UG-3MNE *	NPN	3.0m	Lead wire	Red LED	Non	1ms	10~30Vdc	25mA Max.
	UG-3MPE *	PNP							
	UG-6MN	NPN	6.0m						
	UG-6MP	PNP							
	UG-3MNE-M8 *	NPN	3.0m	M8 Connector					
	UG-3MPE-M8 *	PNP							
	UG-6MN-M8	NPN	6.0m						
	UG-6MP-M8	PNP							
	UG-6MN-PG	NPN	6.0m	M8 Lead wire					
	UG-6MP-PG	PNP							
	UG-3MNE-PG *	NPN	3.0m						
	UG-3MPE-PG *	PNP							
Thru-beam	UT-6MN	NPN	6.0m	Lead wire	Red LED	270° Trimmer	2ms	10~30Vdc	Emitter <20mA Receiver <20mA.
	UT-6MP	PNP			Infrared LED	Non			
	UT-20MN	NPN	20.0m						
	UT-20MP	PNP							
	UT-6MN-M8	NPN	6.0m	M8 Connector	Red LED	270° Trimmer			
	UT-6MP-M8	PNP			Infrared LED	Non			
	UT-20MN-M8	NPN	20.0m						
	UT-20MP-M8	PNP							
	UT-6MN-PG	NPN	6.0m	M8 Lead wire	Red LED	270° Trimmer			
	UT-6MP-PG	PNP			Infrared LED	Non			
	UT-20MN-PG	NPN	20.0m						
	UT-20MP-PG	PNP							
M18 Nut fixed			Horizontal M3 screw fixed			Vertical M3 screw fixed			

*With Polarized filter