

- 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

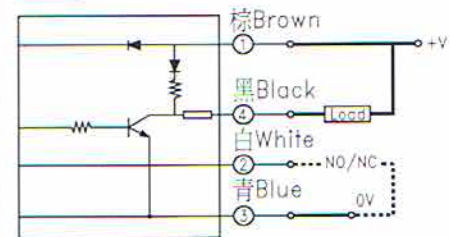


◆ General Specification

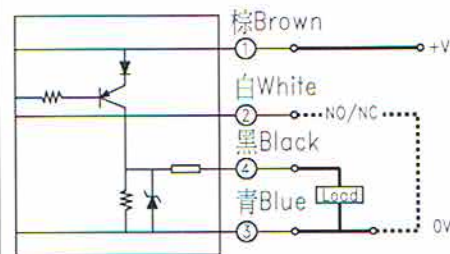
Specification	Data
Operating voltage	10 ~ 30VDC
Ripple of power	20% peak to peak
Output method	NPN or PNP
Output status	Light ON / Dark ON changeable
Output current	150mA max.
Residual voltage	0.1V max.
Leakage current	0.8mA max.
Protection circuit	Short circuit & polarity reversed protection
Housing 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



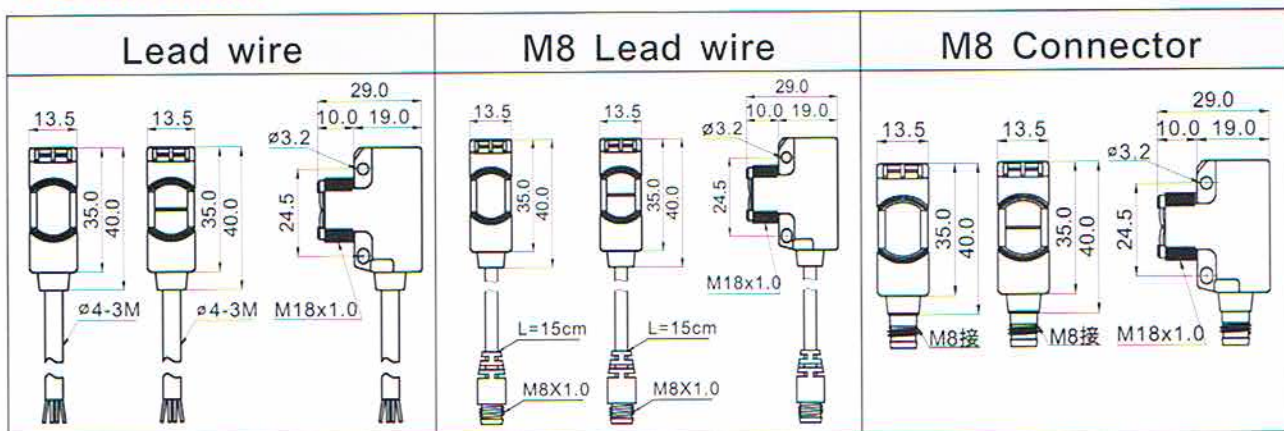
PNP



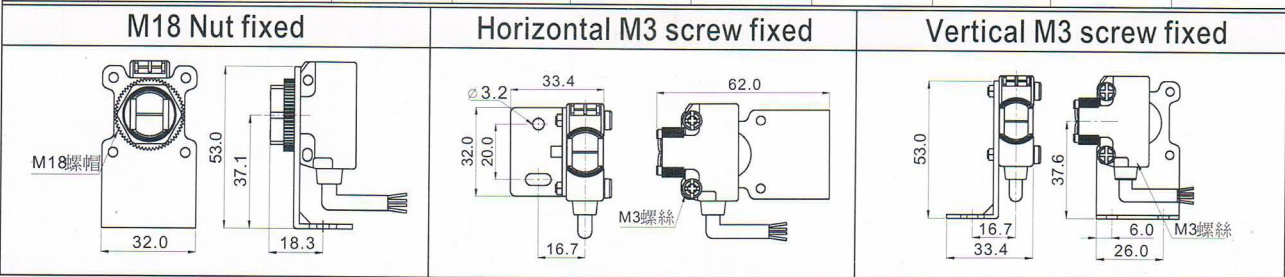
Output status

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

◆ Dimension



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								
	UR-30P	PNP	300mm							
	UR-10N-M8	NPN		100mm						M8 Connector
	UR-10P-M8	PNP								
	UR-30N-M8	NPN								
	UR-30P-M8	PNP	300mm							
	UR-10N-PG	NPN		100mm						M8 Lead wire
	UR-10P-PG	PNP								
	UR-30N-PG	NPN								
	UR-30P-PG	PNP	300mm							
Retro-reflective	UG-3MNE *	NPN	3.0m	Lead wire	Red LED	Non	1ms	10~30Vdc	25mA Max.	
	UG-3MPE *	PNP								
	UG-6MN	NPN								
	UG-6MP	PNP	6.0m							
	UG-3MNE-M8 *	NPN		3.0m						M8 Connector
	UG-3MPE-M8 *	PNP								
	UG-6MN-M8	NPN								
	UG-6MN-M8	PNP	6.0m							
	UG-6MN-PG	NPN		6.0m						M8 Lead wire
	UG-6MP-PG	PNP								
	UG-3MNE-PG *	NPN								
	UG-3MPE-PG *	PNP	3.0m							
Thru-beam	UT-6MN	NPN	6.0m	Lead wire	Red LED	270° Trimmer	2ms	10~30Vdc	Emitter <20mA Receiver <20mA.	
	UT-6MP	PNP								
	UT-20MN	NPN								
	UT-20MP	PNP	20.0m	M8 Connector	Infrared LED	Non				
	UT-6MN-M8	NPN			6.0m					
	UT-6MP-M8	PNP								
	UT-20MN-M8	NPN	20.0m	M8 Lead wire		Infrared LED				Non
	UT-20MP-M8	PNP								
	UT-6MN-PG	NPN			6.0m					
	UT-6MP-PG	PNP	6.0m	M8 Lead wire		Red LED				270° Trimmer
	UT-20MN-PG	NPN								
	UT-20MP-PG	PNP			20.0m					



*With Polarized filter