

Square

ELC Series

Laser

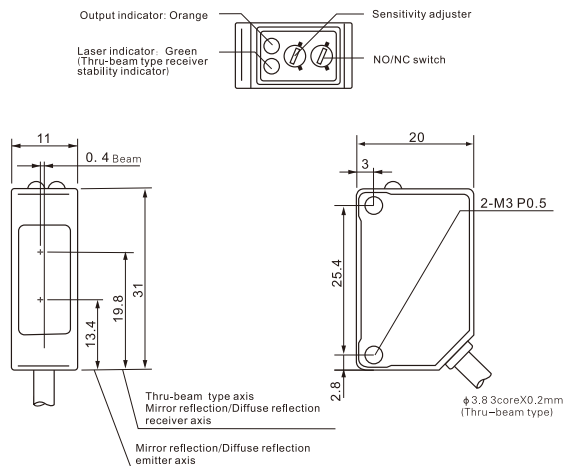


Appearance

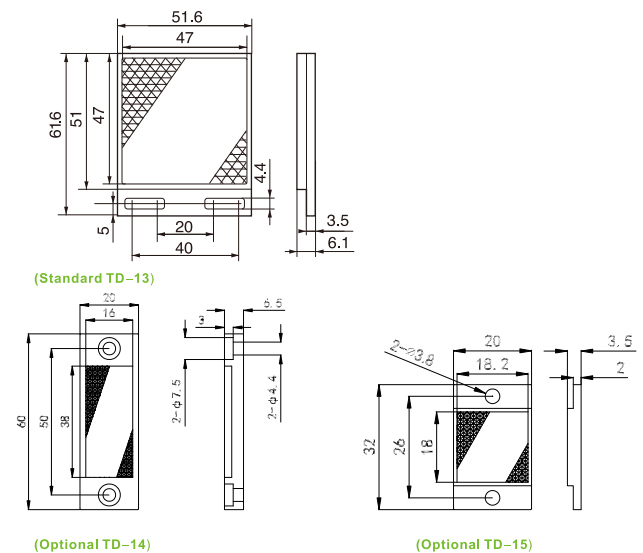
Sensing type		Thru-beam	Retro-reflection	Diffuse reflection
Sensing distance		30m	10m	40cm
Beam size		φ 30mm /30m	φ 10mm/ 10m	φ 2mm/40cm
Switch type		Selectable L,on/D,on		
Indicator		Laser indicator: Green; Output indicator: Yellow		
Response time		0.25 ms		
Sensitivity adjustment		Single-turn potentiometer		
Light source		Laser(650nm)		
Laser class		Class1		Class2
Operating voltage		12~24V DC ± 10%		
Current consumption		≤30mA		≤20mA
Ambient temperature		-10℃~+50℃, No freezing		
Ambient humidity		35%~85% RH, No condensation		
Anti-vibration		10~55Hz Amplitude1.5mm		
Impact resistance		50G(500m/s²)		
Degree of protection		IP67		
Accessories		Bracket, screw	Bracket, screw, reflector	Bracket, screw
Model No.	NPN	XELC-TM30N	XELC-RM10N	XELC-D40N
	PNP	XELC-TM30P	XELC-RM10P	XELC-D40P

Dimensions

Unit: mm

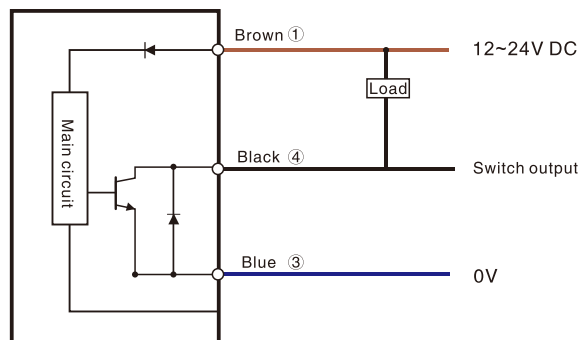


ELC-RM10N/P Reflector:



Circuit diagram

NPN Output



PNP Output

