

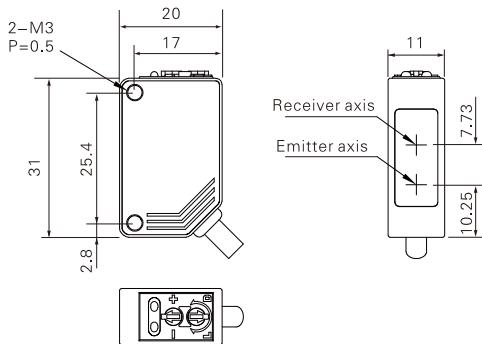


Appearance

Sensing type		Diffuse reflection		Convergent reflective	
Sensing distance		10–300mm		5–1000mm	
Output type		NPN/PNP Open–collector			
Switch type		Selectable L.on/D.on			
Response time		< 1ms			
Light source		Infrared LED(940nm modulation)			
Operating voltage		10~30V DC			
No-load supply current		< 25mA			
Load current		< 100mA			
Ambient temperature		–25℃~+55℃, No freezing			
Ambient humidity		35%~85% RH, No condensation			
Circuit protection		Power reverse polarity,output reverse polarity,surge,short circuit			
Degree of protection		IP65			
Material		PBT+Fiberglass (Housing) , PMMA (Lens)			
Connection method		2M 3core cable			
Weight		≈ 50g			
Accessories		Screwdriver			
Model No.	NPN	PTV-D30N HOT		PTV-D70N	
	PNP	PTV-D30P		PTV-D70P	
				PTV-X09N	
				PTV-X09P	

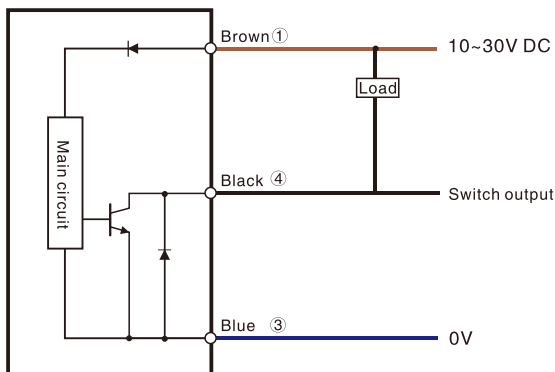
Dimensions

Unit: mm



Circuit diagram

NPN Output



PNP Output

