




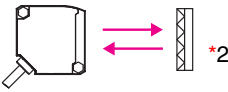




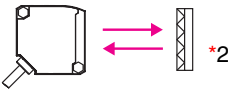


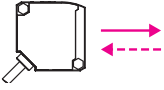





 Red light  Infrared light

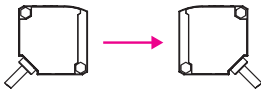




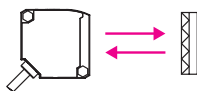




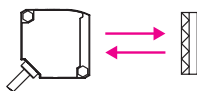


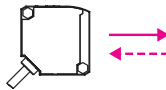
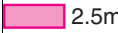


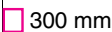
Power supply voltage	Sensing method	Appearance	Sensing distance	Output configuration	Model				
DC	Through-beam *1 (Emitter + Receiver)		 40 m	NPN	<b>E3JK-TN11 2M</b> Emitter: E3JK-TN11-L 2M Receiver: E3JK-TN11-D 2M				
				PNP	<b>E3JK-TP11 2M</b> Emitter: E3JK-TP11-L 2M Receiver: E3JK-TP11-D 2M				
			 5 m	NPN	<b>E3JK-TN12 2M</b> Emitter: E3JK-TN12-L 2M Receiver: E3JK-TN12-D 2M				
				PNP	<b>E3JK-TP12 2M</b> Emitter: E3JK-TP12-L 2M Receiver: E3JK-TP12-D 2M				
			 40 m	NPN	<b>E3JK-TN13 2M</b> Emitter: E3JK-TN13-L 2M Receiver: E3JK-TN13-D 2M				
				PNP	<b>E3JK-TP13 2M</b> Emitter: E3JK-TP13-L 2M Receiver: E3JK-TP13-D 2M				
			 5 m	NPN	<b>E3JK-TN14 2M</b> Emitter: E3JK-TN14-L 2M Receiver: E3JK-TN14-D 2M				
				PNP	<b>E3JK-TP14 2M</b> Emitter: E3JK-TP14-L 2M Receiver: E3JK-TP14-D 2M				
			Retro-reflective without MSR function		 7 m <sup>*3</sup> [100 mm] (When using E39-R1)	NPN	<b>E3JK-RN11 2M</b>		
					 11 m <sup>*3</sup> [100 mm] (When using E39-R2)	PNP	<b>E3JK-RP11 2M</b>		
					 7 m <sup>*3</sup> [100 mm] (When using E39-R1)	NPN	<b>E3JK-RN13 2M</b>		
					 11 m <sup>*3</sup> [100 mm] (When using E39-R2)	PNP	<b>E3JK-RP13 2M</b>		
	Retro-reflective with MSR function				 6 m <sup>*3</sup> [100 mm] (When using E39-R1)	NPN	<b>E3JK-RN12 2M</b>		
					 10 m <sup>*3</sup> [100 mm] (When using E39-R2)	PNP	<b>E3JK-RP12 2M</b>		
					Diffuse-reflective		 2.5 m	NPN	<b>E3JK-DN11 2M</b>
								PNP	<b>E3JK-DP11 2M</b>
	 300 mm	NPN	<b>E3JK-DN12 2M</b>						
		PNP	<b>E3JK-DP12 2M</b>						
	 2.5 m	NPN	<b>E3JK-DN13 2M</b>						
		PNP	<b>E3JK-DP13 2M</b>						
	NPN	<b>E3JK-DN14 2M</b>							
	PNP	<b>E3JK-DP14 2M</b>							

\*1. Through-beam Sensors are sold in sets that include both the Emitter and Receiver.  
 \*2. A Reflector is not included. Purchase a Reflector separately to match the intended use of the Sensor.  
 \*3. Values in parentheses indicate the minimum required distances between the Sensors and Reflectors.

## Sensors

 Red light  Infrared light

### Sensors with Brackets and Reflectors (The model numbers contain ("-C."))

Power supply voltage	Sensing method	Appearance	Sensing distance	Output configuration	Model	
AC/DC power supply selectable type	Through-beam *1 (Emitter + Receiver)		 40m	Relay	<b>E3JK-TR11-C 2M</b> Emitter: E3JK-TR11-L 2M Receiver: E3JK-TR11-D 2M	
			 5m		<b>E3JK-TR12-C 2M</b> Emitter: E3JK-TR12-L 2M Receiver: E3JK-TR12-D 2M	
			 40 m		<b>E3JK-TR13-C 2M</b> Emitter: E3JK-TR13-L 2M Receiver: E3JK-TR13-D 2M	
			 5 m		<b>E3JK-TR14-C 2M</b> Emitter: E3JK-TR14-L 2M Receiver: E3JK-TR14-D 2M	
	Retro-reflective without MSR function		 7m *2 [100mm] (When using E39-R1)		Relay	<b>E3JK-RR11-C 2M</b>
			 11m [100mm] (When using E39-R2)			
			 7 m *2 [100 mm] (When using E39-R1)			
			 11 m [100 mm] (When using E39-R2)			
	Retro-reflective with MSR function		 6m *2 [100mm] (When using E39-R1)		Relay	<b>E3JK-RR12-C 2M</b>
			 10m [100mm] (When using E39-R2)			
	Diffuse-reflective		 2.5m		Relay	<b>E3JK-DR11-C 2M</b>
			 300mm			
			 2.5 m		Relay	<b>E3JK-DR13-C 2M</b>
			 300 mm			

\*1. Through-beam Sensors are sold in sets that include both the Emitter and Receiver.

\*2. Values in parentheses indicate the minimum required distances between the Sensors and Reflectors.