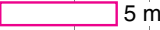
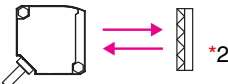
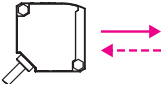
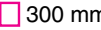


Red light Infrared light

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

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

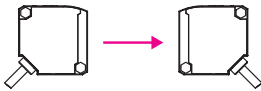
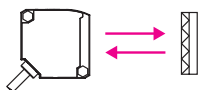
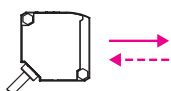
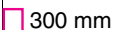
*2. A Reflector is not included. Purchase a Reflector separately to match the intended use of the Sensor.

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

Sensors

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

 Red light  Infrared light

Power supply voltage	Sensing method	Appearance	Sensing distance	Output configuration	Model
AC/DC power supply selectable type	Through-beam *1 (Emitter + Receiver)		 40m	Relay	E3JK-TR11-C 2M Emitter: E3JK-TR11-L 2M Receiver: E3JK-TR11-D 2M
			 5m		E3JK-TR12-C 2M Emitter: E3JK-TR12-L 2M Receiver: E3JK-TR12-D 2M
			 40 m		E3JK-TR13-C 2M Emitter: E3JK-TR13-L 2M Receiver: E3JK-TR13-D 2M
			 5 m		E3JK-TR14-C 2M Emitter: E3JK-TR14-L 2M Receiver: E3JK-TR14-D 2M
	Retro-reflective without MSR function		 7m *2 [100mm] (When using E39-R1)		E3JK-RR11-C 2M
			 11m [100mm] (When using E39-R2)		
			 7 m *2 [100 mm] (When using E39-R1)		E3JK-RR13-C 2M
			 11 m [100 mm] (When using E39-R2)		
	Retro-reflective with MSR function		 6m *2 [100mm] (When using E39-R1)		E3JK-RR12-C 2M
			 10m [100mm] (When using E39-R2)		
	Diffuse-reflective		 2.5m		E3JK-DR11-C 2M
			 300mm		E3JK-DR12-C 2M
			 2.5 m		E3JK-DR13-C 2M
			 300 mm		E3JK-DR14-C 2M

*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.