



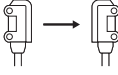


Ordering Information

Sensors

Sensor type	Sensing distance	Connection method				Operation mode	Mounting screw size	Order code ^{*1}			
								NPN output	PNP output		
Through-beam 	2 m	—	—	2 m	For ordering pigtail versions replace '2M' of cable types with: - M1J: M12 with 30 cm cable, - M3J: M8 4-pin with 30 cm cable - M5J: M8 3-pin with 30 cm cable	Light-ON	M2	E3T-ST31 2M	E3T-ST33 2M		
	1 m	—	—	2 m		Dark-ON	M2	E3T-ST32 2M	E3T-ST34 2M		
						Light-ON	M2	E3T-ST11 2M	E3T-ST13 2M		
							M3	E3T-ST11M 2M	E3T-ST13M 2M		
						Dark-ON	M2	E3T-ST12 2M	E3T-ST14 2M		
							M3	E3T-ST12M 2M	E3T-ST14M 2M		
						300 mm	—	—	2 m	Light-ON	M2
	M3	E3T-ST21M 2M	E3T-ST23M 2M								
	Dark-ON	M2	E3T-ST22 2M	E3T-ST24 2M							
		M3	E3T-ST22M 2M	E3T-ST24M 2M							
	Through-beam	500 mm	—	—		2 m	Light-ON	M2	E3T-FT11 2M	E3T-FT13 2M	
		300 mm					Dark-ON	M2	E3T-FT12 2M	E3T-FT14 2M	
Light-ON							M2	E3T-FT21 2M	E3T-FT23 2M		
Dark-ON		M2					E3T-FT22 2M	E3T-FT24 2M			
Retro-reflective	30 to 200 mm ^{*2} on reflectors/ 10 to 100 mm ^{*2} on reflective foils	—	—	2 m		Light-ON	M2	E3T-SR41-C 2M ^{*3}	E3T-SR43-C 2M ^{*3}		
	Dark-ON					M2	E3T-SR42-C 2M ^{*3}	E3T-SR44-C 2M ^{*3}			
Diffuse-reflective	5 to 30 mm	—	—	2 m		Light-ON	M2	E3T-FD11 2M	E3T-FD13 2M		
							M3	E3T-FD11M 2M	E3T-FD13M 2M		
						Dark-ON	M2	E3T-FD12 2M	E3T-FD14 2M		
							M3	E3T-FD12M 2M	E3T-FD14M 2M		
Limited-reflective	5 to 15 mm	—	—	2 m		Light-ON	M2	E3T-SL11 2M	E3T-SL13 2M		
	M3						E3T-SL11M 2M	E3T-SL13M 2M			
	Dark-ON					M2	E3T-SL12 2M	E3T-SL14 2M			
						M3	E3T-SL12M 2M	E3T-SL14M 2M			
	5 to 30 mm				—	—	2 m	Light-ON	M2	E3T-SL21 2M	E3T-SL23 2M
									M3	E3T-SL21M 2M	E3T-SL23M 2M
	Dark-ON				M2	E3T-SL22 2M	E3T-SL24 2M				
					M3	E3T-SL22M 2M	E3T-SL24M 2M				
Diffuse-reflective (background suppression)	1 to 15 mm	—	—	2 m	Light-ON	M2	E3T-FL11 2M	E3T-FL13 2M			
	1 to 30 mm				Dark-ON	M2	E3T-FL12 2M	E3T-FL14 2M			
					Light-ON	M2	E3T-FL21 2M	E3T-FL23 2M			
	Dark-ON				M2	E3T-FL22 2M	E3T-FL24 2M				

*1. For pre-wired models with robotic cables add '-R' to the order code (example: E3T-FT21R 2M)
 *2. The distances are measured with reflector E39-R4 and reflective foil E39-R37-CA. For applications with shorter distances between the sensor and the reflector contact your OMRON representative.
 *3. Order reflector separately. Models with included reflectors are available.

Accessories (Order Separately)






Slits

Minimum detectable object (typical)	Sensing distance	Applicable sensor	Quantity	Order code	
0.5mm dia	200 mm	E3T-ST3	2	E39-S63	
	100 mm	E3T-ST1			
	30 mm	E3T-ST2			
1mm dia	600 mm	E3T-ST3			
	300 mm	E3T-ST1			
	100 mm	E3T-ST2			
0.5mm dia	50 mm	E3T-ST1		E39-S64	
	30 mm	E3T-ST2			
1mm dia	100 mm	E3T-ST1			
	50 mm	E3T-ST2			
0.5mm dia	100 mm	E3T-ST1_M			E39-S67A
	30 mm	E3T-ST2_M			
1mm dia	300 mm	E3T-ST1_M	E39-S67B		
	100 mm	E3T-ST2_M			

Mutual Interference Prevention Filters


Sensing distance	Applicable sensor	Quantity	Order code
300 mm	E3T-ST1_M	4 (two for receivers and two for emitters)	E39-S67B
100 mm	E3T-ST2_M		

Reflectors

Shape	Type	Sensing distance *1	Minimum detectable object (typical)	Remarks	Order code
	Small reflector	200 mm (30 mm)	2 mm dia	Reflectors E39-_-CA are optimised for operation with E3T-SR4. Please verify the performance when using other reflectors and reflective tapes.	E39-R4
		100 mm (10 mm)			E39-R37-CA
	Tape reflector	100 mm (10 mm)			E39-RS1-CA
		100 mm (10 mm)			E39-RS2-CA
		100 mm (10 mm)			E39-RS3-CA

*1. Values in parentheses indicate the minimum required distance between the Sensor and Reflector.

Sensitivity Adjustment Unit

Appearance	Sensing distance (typical)	Quantity	Remarks	Model
	300 to 800 mm	1	Can be used with the E3T-ST1□ Though-beam Models.	E39-E10