

OMRON PHOTOMICROSENSORS

Reflective Non-Amplified

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Fig.	Output Configuration	Sensing Distance	Comments	Price Each	
					1	25
PCB Termination						
653-EE-SY169	A	Phototransistor, convergent lens	4mm	Red LED	12.42	11.79
653-EE-SY171	B	Phototransistor	3.5mm	-----	2.94	2.62
653-EE-SY310	C	Phototransistor Dark-On	5mm	Schmitt trigger, pre-amp	3.36	3.27
653-EE-SY410	C	Phototransistor Light-On	5mm	Schmitt trigger, pre-amp	3.36	3.27
653-EE-SB5-B	D	Phototransistor	5mm	TTL compatible	4.96	4.71
653-EE-SF5-B	E	Phototransistor	5mm	TTL compatible	4.64	4.36
Solder Termination						
653-EE-SB5	D	Phototransistor	5mm	TTL compatible	4.78	4.54
653-EE-SF5	E	Phototransistor	5mm	TTL compatible	5.21	4.69
Connector Termination						
653-EE-SPY415	F	Photo IC	3-19mm	-----	18.43	17.94

Diffuse Reflective Amplified

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MOUSER STOCK NO.	Fig.	Output Configuration	Sensing Distance	Comments	Price Each	
					1	25
653-EE-SB5V	G	Light-On	5mm	CMOS- and TTI-compatible	14.01	9.94
653-EE-SB5V-E	G	Light-On	19mm	CMOS- and TTI-compatible	20.18	13.87
653-EE-SY671	H	Light-On/Dark-On	1-5mm	Sensitivity adjuster, side detect	23.40	16.35
653-EE-SY672	I	Light-On/Dark-On	1-5mm	Sensitivity adjuster, top detect	23.42	19.99

Convergent Reflective Amplified

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MOUSER STOCK NO.	Fig.	Output Configuration	Sensing Distance	Comments	Price Each	
					1	25
653-EE-SPY311	J	Dark-On	5mm	Side-detecting	39.13	31.07
653-EE-SPY312	K	Dark-On	5mm	Top-detecting	39.15	31.08
653-EE-SPY411	J	Light-On	5mm	Side-detecting	39.14	27.98
653-EE-SPY412	K	Light-On	5mm	Top-detecting	36.54	28.64

Transmissive Slot-Type Amplified

RoHS Compliant

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MOUSER STOCK NO.	Fig.	Output Configuration	Sensing Distance	Slot Width	Comments	Price Each	
						1	25
653-EE-SX670	L	Light-On/Dark-On	5mm	5mm	Dust-proof slit	20.80	18.21
653-EE-SX670A	L	Light-On/Dark-On	5mm	5mm	Dust-proof slit	19.48	12.99
653-EE-SX671	M	Light-On/Dark-On	5mm	5mm	Dust-proof slit	20.09	17.75
653-EE-SX671A	M	Light-On/Dark-On	5mm	5mm	Dust-proof slit	19.82	18.01
653-EE-SX672	N	Light-On/Dark-On	5mm	5mm	Dust-proof slit	25.95	13.02
653-EE-SX672A	N	Light-On/Dark-On	5mm	5mm	Dust-proof slit	20.51	19.86
653-EE-SX674	O	Light-On/Dark-On	5mm	5mm	Close mounting	21.04	18.01

Through-Beam Slot-Type Amplified

RoHS Compliant

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MOUSER STOCK NO.	Fig.	Output Configuration	Sensing Distance	Slot Width	Comments	Price Each	
						1	25
653-EE-SX770	P	Dark-On	5mm	5mm	Pre-wired	25.99	18.13
653-EE-SX771	Q	Dark-On	5mm	5mm	Pre-wired	27.49	20.14
653-EE-SX772	R	Dark-On	5mm	5mm	Pre-wired	28.68	20.14
653-EE-SX871	P	Light-On	5mm	5mm	Pre-wired	27.49	19.54
653-EE-SX872	Q	Light-On	5mm	5mm	PCB mount	28.67	20.36

OMRON PHOTOMICROSENSOR ACCESSORIES

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MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	25
653-EE-1001	R	4 Pin connector	2.62	2.31
653-EE-1002	S	3 Pin connector	2.61	2.12
653-EE-1003	T	3 Pin connector with 3.3" wire harness	4.60	4.39
653-EE-1006	U	4 Pin connector with 6.6" wire harness	13.02	12.62
653-EE-1003A	-	Connector holder for EE-1003	1.35	1.26

