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Ref. Y906-E2-04



Photomicrosensor  
Selector Guide

Model	EE-SX1107	EE-SX1018	EE-SX1103	EE-SX1105	EE-SX1108	EE-SX1131	EE-SX4134	EE-SX493	EE-SX1055	EE-SX1046	EE-SX1082	EE-SX1106	EE-SX1109	EE-SX199	EE-SX398/498	EE-SV3	EE-SX1071	EE-SX1096
	Transmissive slot width up to 3mm									Transmissive slot width 3mm - < 5mm								
Dimensions (LxWxH)	3.4 x 3 x 3	8 x 4 x 6	5 x 4.2 x 5.2	4.9 x 2.6 x 3.3	5 x 4 x 4	5 x 4 x 4	5 x 4 x 4	11 x 8 x 9.5	8.9 x 4 x 5.4	10 x 6.5 x 5	10 x 6.5 x 5.2	6.4 x 4.2 x 5.4	6 x 4 x 5	12.2 x 5 x 10	12.2 x 5 x 10	19 x 15.1 x 10.2	13.6 x 6.2 x 10.2	25 x 6 x 10
Sensing method	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive
Sensing Distance	1mm	2mm	2mm	2mm	2mm	2mm	2mm	2mm	2.8mm	3mm	3mm	3mm	3mm	3mm	3mm	3.4mm	3.4mm	3.4mm
Aperture Size	0.15mm	0.5mm	0.4mm	0.4mm	0.3mm	0.3mm	0.3mm	0.2mm	0.5mm	0.5mm	0.2mm	0.4mm	0.5mm	0.5mm	0.5mm	0.2/0.5/1.0mm	0.5mm	0.5mm
Emitter Wavelength	940nm	940nm	950nm	950nm	940nm	940nm	940nm	940nm	940nm	920nm	920nm	950nm	940nm	940nm	940nm	940nm	940nm	940nm
Mounting Type	Surface Mount	Through-hole	Through-hole	Through-hole	Surface Mount	Surface Mount	Surface Mount	Through-hole	Through-hole	Through-hole	Through-hole	Through-hole	Surface Mount	Through-hole	Through-hole	Through-hole	Through-hole	Through-hole

Model	EE-SX1088	EE-SH3	EE-SX3088/4088	EE-SG3/SG3B	EE-SX1057	EE-SX1128	EE-SX1041	EE-SX1042	EE-SX1081	EE-SX1235A-P2	EE-SX3009-P1 /4009-P1	EE-SX4019-P2	EE-SX3081 /4081	EE-SX4235A-P2	EE-SX1070	EE-SX3070 /4070	EE-SX1140	EE-SX461-P11	
	Transmissive slot width 3mm - < 5mm									Transmissive slot width 5mm - 8mm						Transmissive slot width over 12mm			
Dimensions (LxWxH)	25 x 6 x 10	25.4 x 6.2 x 10.2	25 x 6 x 10	25.4 x 6.3 x 11.5	13 x 6.3 x 8.6	13.5 x 5.2 x 9.3	14 x 6 x 10	14 x 5 x 14.5	13.7 x 5 x 10	27 x 8 x 15.9	34 x 11 x 21	38 x 11 x 21	13.7 x 5 x 10	27 x 8 x 15.9	17.7 x 6 x 10	17.7 x 6 x 10	23 x 5 x 16.3	32.5 x 12 x 23.6	
Sensing method	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	Transmissive	
Sensing Distance	3.4mm	3.4mm	3.4mm	3.6mm	3.6mm	4.2mm	5mm	5mm	5mm	5mm	5mm	5mm	5mm	5mm	8mm	8mm	14mm	15mm	
Aperture Size	0.5mm	0.2/0.5/1.0mm	0.5mm	2.0mm	2.0mm	0.5mm	0.5mm	0.5mm	0.5mm	0.5mm	0.5mm	0.5mm	0.5mm	0.5mm	0.5mm	0.5mm	1.5mm	2.0mm	
Emitter Wavelength	940nm	940nm	940nm	940nm	940nm	940nm	940nm	940nm	940nm	940nm	940nm	940nm	940nm	940nm	940nm	940nm	940nm	940nm	
Mounting Type	Through-hole	Through-hole	Through-hole	Through-hole	Through-hole	Through-hole	Through-hole	Through-hole	Through-hole	Snap-In	Screw Mounting	Screw Mounting	Through-hole	Snap-In	Through-hole	Through-hole	Through-hole	Snap-In	

Model	EE-SY124	EE-SY125	EE-SY193	EE-SY171	EE-SY169A/B	EE-SY113	EE-SY313/413	EE-SF5B	EE-SY110	EE-SY310/410	EE-SA102	EE-SA103	EE-SA104	EE-SA107-P2	EE-SA407-P2	Z4D-B01	EY3A-1081	EY3A-112
	Reflective Type										Actuator Type					Micro Displacement	Multi-beam	
Dimensions (LxWxH)	4 x 4 x 1.7	4 x 5 x 1.7	3.4 x 2.7 x 1	15 x 4.2 x 3	12.5 x 6 x 8	15.2 x 6.2 x 6	15.2 x 6.2 x 6	13 x 5.4 x 8	15.2 x 4.6 x 4.8	17 x 4.6 x 4.8	17 x 6 x 16.5	9 x 4 x 6	9 x 4 x 9.7	27 x 8 x 21.9	27 x 8 x 21.9	15 x 35.5 x 20	56.3 x 32 x 15	73 x 32 x 17.3
Sensing method	Reflective	Reflective	Reflective	Reflective	Reflective	Reflective	Reflective	Reflective	Reflective	Reflective	Actuator	Actuator	Actuator	Actuator	Actuator	Micro Displacement	Multi-beam	Multi-beam
Sensing Distance	1mm	1mm	1mm	3.5mm	4mm	4.4mm	4.4mm	5mm	5mm	5mm	3mm	4.4mm	3mm	3.6mm	3.6mm	6.5mm +1mm	80mm	125mm
Aperture Size	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	0.5mm	0.5mm	0.5mm	0.5mm	0.5mm	not applicable	not applicable	not applicable
Emitter Wavelength	940nm	940nm	940nm	940nm	920nm	940nm	920nm	940nm	940nm	920nm	940nm	940nm	940nm	940nm	940nm	940nm	940nm	940nm
Mounting Type	Through-hole	Surface Mount	Surface Mount	Through-hole	Through-hole	Through-hole	Through-hole	Through-hole	Through-hole	Through-hole	Through-hole	Through-hole	Through-hole	Through-hole	Through-hole	Snap-in	Snap-in	Screw Mounting

Omron Electronic Components Europe BV reserves the right to make any changes to the specifications of the products described in this brochure at its sole discretion and without prior notice.