

Honeywell



FIG. 1

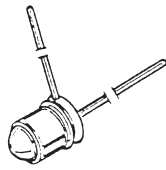


FIG. 2

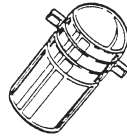


FIG. 3



FIG. 4



FIG. 5

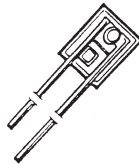


FIG. 6



FIG. 7

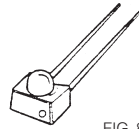


FIG. 8

INFRARED SENSORS

Cat. No.	Fig.	Beam Angle	V _f Max.	V _f Max. Rated @I _f (mA)	Output Min.		Peak Wavelength nm	Net Price
					(mW./cm ²)	@I _f		
SE1470-002	1	24°	1.8	50	0.65	20	880	\$2.50
SE1470-003	1	24°	1.8	50	1.10	20	880	2.50
SE1470-002L	2	24°	1.8	50	0.65	20	880	3.04
SE1470-003L	2	24°	1.8	50	1.10	20	880	2.80
SE5450-012	5	20°	1.7	100	0.50	100	935	2.09
SE5450-013	5	20°	1.7	100	1.00	100	935	2.19
SEP8505-002	7	15°	1.5	200	1.00	20	935	.83
SEP8705-002	7	15°	1.7	20	1.40	20	880	.96
SEP8705-003	7	15°	1.7	20	2.70	20	880	.92
SEP8506-002	6	50°	1.5	20	0.33	20	935	.70
SEP8506-003	6	50°	1.5	20	0.45	20	935	.74
SEP8706-002	6	50°	1.7	20	0.45	20	880	.74
SEP8706-003	6	50°	1.7	20	0.65	20	880	.78
SEP8736-002	8	10°	1.7	20	1.20	20	880	.85
SE5470-001	5	20°	1.9	100	7.00*	100	880	2.05
SE5470-002	5	20°	1.9	100	1.50	100	880	2.32
SE5470-003	5	20°	1.9	100	2.60	100	880	2.15
SE5470-004	5	20°	1.9	100	3.50	100	880	2.19
SE1450-002	1	24°	1.6	50	0.35*	500	935	2.39
SE1450-003	1	24°	1.6	50	0.70*	500	935	2.39
SE1450-001L	2	24°	1.6	50	0.20*	500	935	2.56
SE1450-003L	2	24°	1.6	50	0.70*	500	935	2.43
SE2460-002	3	18°	1.6	50	0.40*	500	935	1.33
SE2460-003	3	18°	1.6	50	1.00	500	935	1.29
SE2470-001	3	18°	1.8	50	1.70	500	880	1.37
SE2470-002	3	18°	1.8	50	6.00	50	880	1.47
SE3455-002	4	90°	1.7	100	3.50*	100	935	2.19
SE3455-003	4	90°	1.7	100	4.80*	100	935	2.19
SE3470-002	4	90°	1.9	100	9.00*	100	880	2.32
SE3470-003	4	90°	1.9	100	10.50*	100	880	2.26
SE5455-002	5	20°	1.7	100	3.50*	100	935	2.19
SE5455-003	5	20°	1.7	100	4.80*	100	935	2.01

*Output is measured in mW.

PHOTODIODE DETECTORS

Cat. No.	Fig.	Acceptance Angle	I _(on) Min. @ V _R =20V (μA)	H (mW/cm ²)	Net Price
SD1420-002	1	24°	5.0	5	\$2.05
SD1420-002L	2	24°	5.0	5	2.32
SD2420-002	3	48°	7.0	20	1.68
SD3421-002	4	90°	10.0	5	4.07
SD5421-002	5	18°	40.0	5	3.73
SDP8276-001	6	50°	4.0	1	.83

PHOTOTRANSISTOR DETECTORS

Cat. No.	Fig.	Acceptance Angle	I _(on) Min. @ V _{cc} =5V (μA)	Rated @H (mW/cm ²)	Net Price
SD1440-002	1	24°	1.5	5.0	\$2.02
SD1440-003	1	24°	3.0	5.0	2.02
SD1440-002L	2	24°	1.5	5.0	2.26
SD1440-003L	2	24°	3.0	5.0	2.19
SD2440-002	3	48°	2.0	20.0	1.33
SD2440-003	3	48°	4.0	20.0	1.23
SD3443-002	4	90°	1.0	5.0	2.19
SD3443-003	4	90°	2.0	5.0	2.05
SD5443-002	5	18°	4.0	5.0	2.02
SD5443-003	5	18°	8.0	5.0	2.02
SDP8405-002	7	20°	7.0	5.0	.78
SDP8405-003	7	20°	12.0	5.0	.83
SDP8425-001	7	20°	1.0	5.0	.78
SDP8406-002	6	50°	1.8	1.0	.61
SDP8406-003	6	50°	3.4	1.0	.61
SDP8436-002	8	18°	4.0	1.0	.78

PHOTODARLINGTON DETECTORS

Cat. No.	Fig.	Acceptance Angle	I _(on) Min. @ V _{cc} =5V (μA)	Rated @H (mW/cm ²)	Net Price
SD1410-002	1	24°	2.0	0.2	\$2.05
SD1410-003	1	24°	4.0	0.2	1.95
SD1410-002L	2	24°	2.0	0.2	2.43
SD1410-003L	2	24°	4.0	0.2	2.32
SD2410-002	3	48°	3.0	1.0	1.71
SD2410-003	3	48°	6.0	1.0	1.74
SD3410-002	4	90°	2.0	2.0	2.29
SD3410-003	4	90°	4.0	2.0	2.12
SD5410-002	5	12°	4.0	0.2	2.29
SD5410-003	5	12°	8.0	0.2	2.32
SDP8106-001	6	50°	1.0	1.0	.78

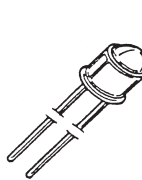


FIG. 1

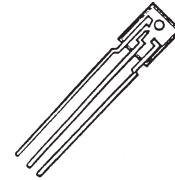


FIG. 2

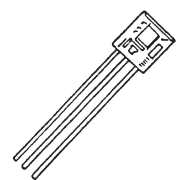


FIG. 3

SCHMITT TRIGGER DETECTORS

Cat. No.	Fig.	Output Circuit	Max Radiant Threshold (mW/cm ²)	Operating Range V _{cc} (V)	Net Price
SD5600-001	1	Buffer—10kΩ PU	2.5	4.5-16	\$2.53
SD5610-001	1	Inverter—10kΩ PU	2.5	4.5-16	2.77
SDP8304-301	2	Buffer—OC	0.37	4.5-12	1.70
SDP8371-001	3	Buffer—OC	0.065*	4.0-15	2.31
SDP8600-001	2	Buffer—10kΩ PU	2.5	4.5-12	1.35
SDP8610-001	2	Inverter—10kΩ PUPU	2.5	4.5-12	1.35

*Release point maximum.

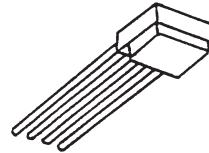


FIG. 1

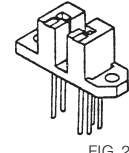


FIG. 2

ENCODER SENSORS

Cat. No.	Fig.	Output Type	Max Radiant Threshold (mW/cm ²)	Operating Range V _{cc} (V)	Net Price
HLC2701-001	1	2 Channel Speed/Dir	2.0	4.5-5.5	\$2.14
HLC2705-001	1	2 Channel Speed/Dir	2.0	4.5-5.5	3.88

Cat. No.	Fig.	Output Type	I _f (On) Max (mA)	Operating Range V _{cc} (V)	Net Price
HOA0901-012	2	2 Channel Speed/Dir	15	4.5-5.5	\$5.60
HOA0902-012	2	2 Channel Speed/Dir	15	4.5-5.5	5.73

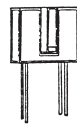


FIG. 1

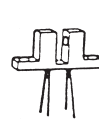


FIG. 2

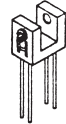


FIG. 3

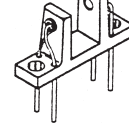


FIG. 4

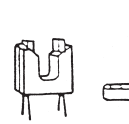


FIG. 5

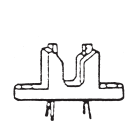


FIG. 6

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