

FLUID SENSORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Tube Size (in)	Lead Type	Wave-length	Sensor	Price Each		
Mfr.	Mfr. Part No.						1	10	100
828	—OPB350	A	0.125	PCB Pins	890nm	Transistor	4.53	4.20	4.02
828	—OPB350L250	A	0.25	PCB Pins	890nm	Transistor	7.12	6.61	5.19
828	—OPB350W062Z	B	0.062	Wire Leads	890nm	Transistor	9.65	8.45	7.02
828	—OPB350W187Z	B	0.187	Wire Leads	890nm	Transistor	9.31	8.14	6.77
828	—OPB350W250Z	B	0.25	Wire Leads	890nm	Transistor	8.98	8.14	6.54

REFLECTIVE OBJECT SENSORS

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MOUSER STOCK NO.		Fig.	Cont. Forward Current (mA)	Sensor	Forward Voltage (VF)	Price Each		
Mfr.	Mfr. Part No.					1	10	100
828	—OPB733TR	C	50	Transistor	1.7	3.25	2.78	2.09
828	—OPB700Z	D	100	Transistor	1.7	9.09	6.62	6.14
828	—OPB701ALZ	D	100	Transistor	1.7	9.30	9.15	8.95
828	—OPB710	E	50	Transistor	1.5	7.67	5.26	4.81
828	—OPB742	F	40	Transistor	1.7	2.89	2.52	2.20
828	—OPB745	F	40	Transistor	1.7	3.81	2.88	2.67
828	—OPB716Z	G	50	Transistor	4.75	7.96	7.76	6.75
828	—OPB770TZ	H	10	Logic	4.75	8.25	6.40	6.20
828	—OPB707A	--	50	Darlington	1.7	2.40	2.20	2.15

HOLLOGIC® HALL EFFECT SENSORS

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MOUSER STOCK NO.		Fig.	Operating Point (Min./Typ./Max.)	Release Point	Supply Curr. (Typ./Max.)	Price Each		
Mfr.	Mfr. Part No.					1	10	100
828	—OH090U	I	0/90/180	-100/65/100	6/9(mA)	2.79	1.95	1.60
828	—OHS3140U	I	45/-/270	25/-/250	4/7(mA)	3.11	1.95	1.88

OPTICAL SWITCHES

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MOUSER STOCK NO.		Fig.	Output Type	Slot Width (in.)	Lead Spacing (in.)	Price Each		
Mfr.	Mfr. Part No.					1	10	100
828	—OPB420AZ	J	Transistor	45° Ref.	---	6.35	5.22	4.79
828	—OPB420BZ	J	Transistor	45° Ref.	---	5.74	4.71	4.32
828	—OPB620	K	Transistor	0.19	0.325	1.99	1.69	1.50
828	—OPB804	K	Transistor	0.15	0.31	2.02	1.71	1.52
828	—OPB818	K	Transistor	0.20	0.41	2.85	2.26	2.11
828	—OPB848	K	Transistor	0.10	0.31	2.60	2.22	1.99
828	—OPB610	K	Transistor	0.15	0.28	1.99	1.69	1.50
828	—OPB680	L	Transistor	Flag	0.28	4.87	4.24	3.88
828	—OPB819Z	M	Transistor	1.26	---	6.63	5.18	4.80
828	—OPB930W55Z	N	Photologic®	0.125	---	6.05	5.23	4.88
828	—OPB829DZ	--	Transistor	0.125	24" / 26 AWG Wire	3.05	2.93	2.82
828	—OPB800L55	--	Transistor	0.375	24" 26 AWG Wire	2.25	2.18	2.00
828	—OPB825	--	Transistor	0.160	0.300	1.40	1.35	1.30

FIBER OPTIC LED

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MOUSER STOCK NO.		Fig.	Output Power Min/Typ	Fiber	Lead Spacing (in.)	Price Each		
Mfr.	Mfr. Part No.					1	10	100
828	—OPF1414T	O	13.2µW / 26.0µW	50/125	100	15.83	14.26	13.05
828	—OPF370A	P	25.0µW / 29.0µW	50/125	100	9.77	8.00	7.34
828	—OPF372A	Q	25.0µW / 29.0µW	50/125	100	17.43	15.40	13.85

FIBER OPTIC PIN PHOTODIODES AND RECEIVERS

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MOUSER STOCK NO.		Fig.	Responsively Min./Typ.	Output Rise Time (ns)	Output Current (mA)	Price Each		
Mfr.	Mfr. Part No.					1	10	100
828	—OPF2416T	O	5.3 / 7.0 (mV/µW)	3.3	25	14.28	12.85	11.79
828	—OPF470	P	.45 / .55 (A/W)	6.0	---	10.12	8.19	7.59
828	—OPF480	P	.45 / .55 (A/W)	1.0	---	7.85	6.70	6.05
828	—OPF482	Q	.45 / .55 (A/W)	1.0	---	15.49	13.94	12.78

OPTOISOLATORS



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MOUSER STOCK NO.		Fig.	LED Peak Wavelength	Sensor	Isolation Voltage	Price Each		
Mfr.	Mfr. Part No.					1	10	100
828	—OP11264A	R	890 nm	Transistor	10KV	2.99	2.47	2.20
828	—OP1120	R	890 nm	Transistor	15KV	7.59	7.28	7.00
828	—OP11268S	S	850 nm	Open Collector	20KV	7.51	6.57	6.20

