

**Quick Talk Sensors Survey and Listing
1999-2000**

Distributor: SSAC, Inc.

Application Assitance: 1-800-377-7722

Fax: 1-315-638-0333

Order Line: 1-315-638-1300 **Internet:** www.ssac.com

<u>SENSOR TYPE</u>	<u>DESCRIPTION</u>	<u>POWER REQ.</u>	<u>OUTPUT</u>	<u>ENG</u>	<u>Manufacturer</u>	<u>Mfg Part #</u>	<u>Distributor</u>	<u>Dist Part #</u>	<u>Cost Each</u>
Beacon and Obstruction Lamp Alarm	Monitors obstruction lamps on towers or buildings	120VAC 230VAC	Isolated Alarm Isolated Alarm		SSAC, Inc. SSAC, Inc.	SCR430T SCR630T	SSAC SSAC		\$99.90 \$99.90

Distributor: GRAINGER 1-800-323-0620 (U.S./Can/Puerto Rico)

Fax: 1-800-722-3291

Internet: www.grainger.com

<u>SENSOR TYPE</u>	<u>DESCRIPTION</u>	<u>POWER REQ.</u>	<u>OUTPUT</u>	<u>ENG</u>	<u>Manufacturer</u>	<u>Mfg Part #</u>	<u>Distributor</u>	<u>Dist Part #</u>	<u>Cost Each</u>
Pressure, Industrial	3-150PSI: air,oil,water,others	None	SPDT Switch	No	Square D, 9012	GNG-5	GRAINGER	1A352	\$121.70
Pressure, Industrial	5-250PSI: air,oil,water,others	None	SPDT Switch	No	Square D, 9012	GNG-6	GRAINGER	1A353	\$138.55
Temperature, Alarm	w/remote alarm terminals	120VAC	120VAC, 5A dry cont.	No	SUPCO	4JZ60	GRAINGER	4JZ60	\$89.95
Level, Liquid, Dry Reed	Polypropylene Float	None	NO or NC Selectable	No	Madison	M8000	GRAINGER	2A554	\$10.50
Level, Liquid, Dry Reed	Polypropylene Float	None	NO or NC Selectable	No	Madison	M8800	GRAINGER	2A552	\$34.35
Level, Liquid, Dry Reed	Polypropylene Float	None	NO or NC Selectable	No	Madison	M8700	GRAINGER	2XC13	\$14.25
Level, Liquid, Dry Reed	Buna N Float	None	NO or NC Selectable	No	Madison	M4300	GRAINGER	2A553	\$26.90
Level, Liquid, Dry Reed	316 SS Float	None	NO or NC Selectable	No	Madison	M5600	GRAINGER	2A551	\$38.35
Level, Liquid, High Water Motion, Infrared Motion, Ultrasonic Motion, Microwave Motion, Combination	Industrial-Grade Alarm	120VAC	230VAC,10A contacts	No			GRAINGER	1D002	\$68.00
Switch, Limit, pre-wired	Actuator: Plunger	None	SPDT Contacts	No	Telemechanics	MS01S0300	GRAINGER	2F996	\$65.35
Switch, Limit, pre-wired	Actuator: Plunger	None	SPDT Contacts	No	Telemechanics	MS10S0300	GRAINGER	2G436	\$72.30
Switch, Limit, pre-wired	Actuator: Roller Plunger	None	SPDT Contacts	No	Telemechanics	MS02S0300	GRAINGER	2F998	\$75.25
Switch, Limit, pre-wired	Actuator: Cross roller plunger	None	SPDT Contacts	No	Telemechanics	MS03S0300	GRAINGER	2G430	\$75.25
Switch, Limit, pre-wired	Actuator: Side Rotary, *	None	SPDT Contacts	No	Telemechanics	MS04S0300	GRAINGER	2G432	\$92.10
Switch, Limit, pre-wired	Actuator: Multidirection,SWW	None	SPDT Contacts	No	Telemechanics	MS05S0300	GRAINGER	2G434	\$92.10
Switch, Limit, pre-wired	Actuator:Parallel roller plunger	None	SPDT Contacts	No	Telemechanics	MS02S0100	GRAINGER	3KL72	\$65.35
(SWW) = Spring Wire Wobble, (*) = Lever Not Included SEE CATALOG pg.536									
Switch, Limit, miniature	Delrin Roller Lever	None	SPDT (NO+NC)snap	No	Telemechanics	XCKP118	GRAINGER	4B797	\$35.55
Switch, Limit, miniature	Adjustable Delrin Roller Lever	None	SPDT (NO+NC)snap	No	Telemechanics	XCKP145	GRAINGER	4B794	\$37.65
Switch, Limit, miniature	Steel Rod Plunger	None	SPDT (NO+NC)snap	No	Telemechanics	XCKP110	GRAINGER	4B798	\$32.40
Switch, Limit, miniature	Delrin Roller Plunger	None	SPDT (NO+NC)snap	No	Telemechanics	XCKP102	GRAINGER	4B7800	\$44.95
Switch, Limit, miniature	one-way Horiz. Roller Plunger	None	SPDT (NO+NC)snap	No	Telemechanics	XCKP121	GRAINGER	4B796	\$48.05
Switch, Limit, miniature	one-way Vert. Roller Plunger	None	SPDT (NO+NC)snap	No	Telemechanics	XCKP127	GRAINGER	4B795	\$48.05
Switch, Limit, miniature	Omnidirectional *	None	SPDT (NO+NC)snap	No	Telemechanics	XCKP106	GRAINGER	4B799	\$41.80
(*) Flexible operators will not guarantee positive opening operation									
Switch, Limit, Compact	Rod Plunger	None	SPDT (NO+NC)snap	No	Telemechanics	XCKL110	GRAINGER	4B803	\$38.65
Switch, Limit, Compact	Rod Plunger	None	SPDT (NO+NC)slow	No	Telemechanics	XCKL510	GRAINGER	6B410	\$38.65
Switch, Limit, Compact	Roller Plunger	None	SPDT (NO+NC)snap	No	Telemechanics	XCKL102	GRAINGER	4B805	\$57.45
Switch, Limit, Compact	Adj. Length Roller Lever	None	SPDT (NO+NC)snap	No	Telemechanics	XCKL10041	GRAINGER	2EH73	\$70.30
Switch, Limit, Compact	Omnidirectional	None	SPDT (NO+NC)snap	No	Telemechanics	XCKL106	GRAINGER	4B804	\$48.05
Switch, Limit, Compact	one-way lever-Delrin Roller	None	SPDT (NO+NC)snap	No	Telemechanics	XCKL121	GRAINGER	4B801	\$57.45
Switch, Limit, Compact	Delrin Roller (CW-CCW)	None	SPDT (NO+NC)snap	No	Telemechanics	XCKL115	GRAINGER	4B802	\$41.80

Lamp Alarm	on towers or buildings	230VAC	Isolated Alarm		SSAC, Inc.	SCR630T	SSAC		\$99.90
Switch, Limit, Oil-Tight	Universal-CW	None	SPDT (NO+NC)	No	Square D, 9007	TUB1	GRAINGER	5B056	\$188.25
Switch, Limit, Oil-Tight	Universal-Neutral	None	SPDT (NO+NC)	No	Square D, 9007	TUB4	GRAINGER	5B054	\$188.25
Switch, Limit, Oil-Tight	Universal-CCW	None	SPDT (NO+NC)	No	Square D, 9007	TUB5	GRAINGER	5B053	\$188.25
Switch, Limit, Oil-Tight	Universal-Maintained	None	SPDT (NO+NC)	No	Square D, 9007	TUB12	GRAINGER	5B055	\$188.25
See Grainger Catalog page 538 to select a lever arm type									
Switch, Snap-Action	Actuator: Pin	None	SPDT, "Z" Series	No	OMRON	Z15G-B7-K	GRAINGER	6X283	\$4.77
Switch, Snap-Action	Actuator: Lever	None	SPDT, "Z" Series	No	OMRON	Z15GW-B7-K	GRAINGER	6X284	\$6.18
Switch, Snap-Action	Actuator: Roller	None	SPDT, "Z" Series	No	OMRON	Z15GW2-B7-K	GRAINGER	6X285	\$7.81
Switch, Snap-Action	Actuator: Plunger	None	SPDT, "Z" Series	No	OMRON	Z15GQ-B7-K	GRAINGER	6X286	\$7.69
Switch, Snap-Action	Actuator: Roller Plunger	None	SPDT, "Z" Series	No	OMRON	Z15GQ22-B7-K	GRAINGER	2XC11	\$14.00
Switch, Snap-Action	Actuator: Short Roller	None	SPDT, "Z" Series	No	OMRON	Z15GW22-B7-K	GRAINGER	2XC12	\$7.80
Switch, Snap-Action	Actuator: Short spring plunger	None	SPDT, "Z" Series	No	OMRON	Z15GD-B7-K	GRAINGER	3XG48	\$6.72
Switch, Snap-Action	Actuator: Short spring plunger	None	SPDT, "Z" Series	No	OMRON	Z15GD55-B7-K	GRAINGER	3XG49	\$10.93
Switch, Snap-Action	Actuator: Cross roller plunger	None	SPDT, "Z" Series	No	OMRON	Z15GQ21-B7-K	GRAINGER	3XG50	\$18.86
Switch, Snap-Action	Actuator: Slim spring plunger	None	SPDT, "Z" Series	No	OMRON	Z15GS-B7-K	GRAINGER	3XG51	\$7.05
Switch, Snap-Action	Actuator: Slim spring plunger	None	SPDT, "Z" Series	No	OMRON	Z15GS55-B7-K	GRAINGER	3XG52	\$13.06
Switch, Snap-Action	Actuator: Unidirect Roller	None	SPDT, "Z" Series	No	OMRON	Z15GW227-B7-K	GRAINGER	3XG53	\$9.24
Switch, Snap-Action	Actuator: Long Lever	None	SPDT, "Z" Series	No	OMRON	Z15GW4-B7-K	GRAINGER	3XG54	\$8.50
Switch, Snap-Action	Actuator: Pin	None	SPDT, "A" Series	No	OMRON	A20G-B7-K	GRAINGER	6X287	\$6.17
Switch, Snap-Action	Actuator: Hinge Lever	None	SPDT, "A" Series	No	OMRON	A20GV-B7-K	GRAINGER	6X289	\$6.40
Switch, Snap-Action	Actuator: Roller Lever	None	SPDT, "A" Series	No	OMRON	A20GV20-B7-K	GRAINGER	6X290	\$8.02
Switch, Snap-Action	Actuator: Plunger	None	SPDT, "A" Series	No	OMRON	A20GQ-B7-K	GRAINGER	6X288	\$10.75
Switch, Snap-Action	Actuator: Short Roller	None	SPDT, "A" Series	No	OMRON	A20GV22-B7-K	GRAINGER	2XC10	\$8.04
Switch, Snap-Action	Actuator: Short spring plunger	None	SPDT, "A" Series	No	OMRON	A20GD-B7-K	GRAINGER	3XG30	\$9.88
Switch, Snap-Action	Actuator: Pin	None	SPDT, "V" Series	No	OMRON	V15G-1B6-K	GRAINGER	3XG42	\$3.66
Switch, Snap-Action	Actuator: Pin	None	SPDT, "V" Series	No	OMRON	V15G-1C25-K	GRAINGER	3XG43	\$2.20
Switch, Snap-Action	Actuator: Pin	None	SPDT, "V" Series	No	OMRON	V15G-1C26-K	GRAINGER	3XG44	\$2.20
Switch, Snap-Action	Actuator: Pin	None	SPDT, "V" Series	No	OMRON	V10G-1B5-K	GRAINGER	3XG33	\$3.59
Switch, Snap-Action	Actuator: Pin	None	SPDT, "V" Series	No	OMRON	V10G-1C24-K	GRAINGER	3XG34	\$2.20
Switch, Snap-Action	Actuator: Pin	None	SPDT, "V" Series	No	OMRON	V10G-1C25-K	GRAINGER	3XG35	\$2.20
Switch, Snap-Action	Actuator: Short Hinge Lever	None	SPDT, "V" Series	No	OMRON	V10G1-1C25-K	GRAINGER	3XG36	\$2.21
Switch, Snap-Action	Actuator: Lever	None	SPDT, "V" Series	No	OMRON	V15G2-1C24-K	GRAINGER	3XG45	\$2.21
Switch, Snap-Action	Actuator: Lever	None	SPDT, "V" Series	No	OMRON	V10G2-1C24-K	GRAINGER	3XG37	\$2.21
Switch, Snap-Action	Actuator: Long Lever	None	SPDT, "V" Series	No	OMRON	V15G3-1C24-K	GRAINGER	3XG46	\$2.44
Switch, Snap-Action	Actuator: Long Lever	None	SPDT, "V" Series	No	OMRON	V10G3-1C24-K	GRAINGER	3XG38	\$2.32
Switch, Snap-Action	Actuator: Formed Hinge Lever	None	SPDT, "V" Series	No	OMRON	V10G4-1C24-K	GRAINGER	3XG39	\$2.37
Switch, Snap-Action	Actuator: Short Roller	None	SPDT, "V" Series	No	OMRON	V15G5-1C25-K	GRAINGER	3XG47	\$2.67
Switch, Snap-Action	Actuator: Short Roller	None	SPDT, "V" Series	No	OMRON	V10G5-1C25-K	GRAINGER	3XG40	\$2.67
Switch, Snap-Action	Actuator: Roller	None	SPDT, "V" Series	No	OMRON	V10G6-1C24-K	GRAINGER	3XG41	\$2.67
Switch, Snap-Action	Actuator: Pin	None	DPDT, "DZ" Series	No	OMRON	DZ10G-1B6	GRAINGER	6C916	\$27.25
Switch, Snap-Action	Actuator: Hinge Lever	None	DPDT, "DZ" Series	No	OMRON	DZ10GV-1B	GRAINGER	3XG31	\$27.35
Switch, Snap-Action	Actuator: Hinge Lever	None	DPDT, "DZ" Series	No	OMRON	DZ10GW-1B6	GRAINGER	6C917	\$28.75
Switch, Snap-Action	Actuator: Short Roller	None	DPDT, "DZ" Series	No	OMRON	DZ10GV22-1B	GRAINGER	3XG32	\$27.35
Switch, Snap-Action	Actuator: Short Roller	None	DPDT, "DZ" Series	No	OMRON	DZ10GW22-1B6	GRAINGER	6C918	\$29.85
Switch, Snap-Action	Actuator: Roller Lever	None	DPDT, "DZ" Series	No	OMRON	DZ10GW2-1B6	GRAINGER	6C919	\$29.75
Switch, Snap-Action, +	Actuator: Plunger,*	None	SPDT, "ZE" Series	No	OMRON	ZE-N-2S	GRAINGER	2W938	\$30.20
Switch, Snap-Action, +	Actuator: Plunger	None	SPDT, "ZE" Series	No	OMRON	ZE-Q-2S	GRAINGER	3XG56	\$28.45
Switch, Snap-Action, +	Actuator: Roller Plunger,*	None	SPDT, "ZE" Series	No	OMRON	ZE-N22-2S	GRAINGER	2W939	\$40.90
Switch, Snap-Action, +	Actuator: Roller Plunger	None	SPDT, "ZE" Series	No	OMRON	ZE-Q22-2S	GRAINGER	3XG58	\$32.30
Switch, Snap-Action, +	Actuator: Roller Arm Lever,*	None	SPDT, "ZE" Series	No	OMRON	ZE-NA2-2S	GRAINGER	3A095	\$37.40
Switch, Snap-Action, +	Actuator: Roller Arm Lever	None	SPDT, "ZE" Series	No	OMRON	ZE-QA2-2S	GRAINGER	3XG59	\$34.25
Switch, Snap-Action, +	Actuator:cross roller plunger,*	None	SPDT, "ZE" Series	No	OMRON	ZE-N21-2S	GRAINGER	3XG55	\$41.15

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Switch, Snap-Action, +	Actuator: Cross roller plunger	None	SPDT, "ZE" Series	No	OMRON	ZE-Q21-2S	GRAINGER	3XG57	\$32.30
Switch, Snap-Action, +	Actuator: Coil Spring	None	SPDT, "ZE" Series	No	OMRON	ZE-NJ-2S	GRAINGER	3A096	\$38.40
Switch, Snap-Action, +	Actuator: Rod Lever	None	SPDT, "ZE" Series	No	OMRON	ZE-QCL-2S	GRAINGER	3XG60	\$33.30
(+) = Enclosed Switches	(*) = Sealed (booted) units								
Switch, Snap-Action	Actuator: Flush	None	SPDT Switch Action	No	Cherry	E13-00E	GRAINGER	6A886	\$2.40
Switch, Snap-Action	Actuator: Barrel	None	SPDT Switch Action	No	Cherry	E13-00J	GRAINGER	6A887	\$2.88
Switch, Snap-Action	Actuator: Lever	None	SPDT Switch Action	No	Cherry	E13-00H	GRAINGER	6A888	\$2.79
Switch, Snap-Action	Actuator: Roller	None	SPDT Switch Action	No	Cherry	E13-00K	GRAINGER	6A889	\$3.90
Switch, Mini Snap-Action	Actuator: Button	None	SPDT Switch Action	No	Cherry	D44L-R1AA	GRAINGER	6X291	\$2.26
Switch, Mini Snap-Action	Actuator: Lever	None	SPDT Switch Action	No	Cherry	D44L-R1LD	GRAINGER	6X292	\$2.68
Switch, Mini Snap-Action	Actuator: Roller	None	SPDT Switch Action	No	Cherry	D44L-R1RA	GRAINGER	6X293	\$3.21
Switch, Mini Snap-Action	Actuator:Lever,extended	None	SPDT Switch Action	No	Cherry	D44L-R1ML	GRAINGER	6A884	\$3.05
Switch, Mini Snap-Action	Actuator:Roller,extended	None	SPDT Switch Action	No	Cherry	D44L-R1RC	GRAINGER	6A885	\$3.15
Proximity, Ferrous	Range: 1.5mm	20-264VAC	N.O., 100mA max.	No	OMRON	E2EX1R5Y1-N	GRAINGER	6C811	\$72.90
Proximity, Ferrous	Range: 1.5mm	20-264VAC	N.C., 100mA max.	No	OMRON	E2EX1R5Y2-N	GRAINGER	6C812	\$72.90
Proximity, Ferrous	Range: 2.0mm	20-264VAC	N.O., 200mA max.	No	OMRON	E2EX2Y1-N	GRAINGER	2A186	\$72.90
Proximity, Ferrous	Range: 2.0mm	20-264VAC	N.C., 200mA max.	No	OMRON	E2EX2Y2-N	GRAINGER	6C810	\$72.90
Proximity, Ferrous	Range: 2.0mm	20-264VAC	N.O., 200mA max.	No	OMRON	E2E2X2Y1	GRAINGER	6C796	\$75.80
Proximity, Ferrous	Range: 2.0mm	20-264VAC	N.C., 200mA max.	No	OMRON	E2E2X2Y2	GRAINGER	6C797	\$75.80
Proximity, Ferrous	Range: 5.0mm	20-264VAC	N.O., 300mA max.	No	OMRON	E2EX5Y1-N	GRAINGER	3XC05	\$77.80
Proximity, Ferrous	Range: 5.0mm	20-264VAC	N.O., 300mA max.	No	OMRON	E2E2X5Y1	GRAINGER	6C799	\$78.70
Proximity, Ferrous	Range: 5.0mm	20-264VAC	N.C., 300mA max.	No	OMRON	E2E2X5Y2	GRAINGER	6C800	\$78.70
Proximity, Ferrous	Range: 10mm	20-264VAC	N.O., 300mA max.	No	OMRON	E2E2X10Y1	GRAINGER	6C803	\$92.30
Proximity, Ferrous	Range: 10mm	20-264VAC	N.C., 300mA max.	No	OMRON	E2E2X10Y2	GRAINGER	6C804	\$92.30
Proximity, Ferrous	Range: 5.0mm	90-140VAC	N.O., 300mA max.	No	OMRON	E2EX5Y1-53-US	GRAINGER	2A187	\$80.65
Proximity, Ferrous	Range: 10mm	90-140VAC	N.O., 300mA max.	No	OMRON	E2EX10Y1-53-US	GRAINGER	4A333	\$81.65
Proximity, Ferrous	Range: 1.5mm	DC, 10-40 V	NPN-N.C., 200mA max	No	OMRON	E2EX1R5E2N	GRAINGER	6C808	\$60.20
Proximity, Ferrous	Range: 1.5mm	DC, 10-40 V	NPN-N.O., 200mA max	No	OMRON	E2EX1R5E1N	GRAINGER	6C807	\$60.20
Proximity, Ferrous	Range: 2.0mm	DC, 10-40 V	NPN-N.O., 200mA max	No	OMRON	E2EX2E1N	GRAINGER	2A264	\$61.25
Proximity, Ferrous	Range: 2.0mm	DC, 10-40 V	NPN-N.O., 200mA max	No	OMRON	E2E2X2C1	GRAINGER	6C798	\$58.30
Proximity, Ferrous	Range: 5.0mm	DC, 10-40 V	NPN-N.O., 200mA max	No	OMRON	E2EX5E1N	GRAINGER	3XC06	\$63.25
Proximity, Ferrous	Range: 5.0mm	DC, 10-40 V	NPN-N.O., 200mA max	No	OMRON	E2E2X5C1	GRAINGER	6C801	\$60.25
Proximity, Ferrous	Range: 10mm	DC, 10-40 V	NPN-N.O., 200mA max	No	OMRON	E2EX10E1N	GRAINGER	4A332	\$67.10
Proximity, Ferrous	Range: 10mm	DC, 10-40 V	NPN-N.O., 200mA max	No	OMRON	E2E2X10C1	GRAINGER	6C802	\$63.20
Proximity, Mild Steel	Range: 0.62", Inductive	10-30VDC (200mA max)	N.O. & N.C. selectable	No	Telemecanique	FJ203359	GRAINGER	5B236	\$111.15
Proximity, Mild Steel	Range: 0.5", Inductive	10-30VDC (200mA max)	N.O. & N.C. selectable	No	Telemecanique	FJ153359	GRAINGER	5B237	\$111.15
Proximity, Mild Steel	Range: 0.62", Inductive	97-140VAC(500mA mx)	N.O. & N.C. selectable	No	Telemecanique	FA205549	GRAINGER	5B239	\$123.30
Proximity, Mild Steel	Range: 0.5", Inductive	97-140VAC(500mA mx)	N.O. & N.C. selectable	No	Telemecanique	FA155549	GRAINGER	5B240	\$123.30
Proximity, Metallic Obj.	Range: 15mm, Inductive	24-264VAC	NO/NC	No	OMRON	E2Q-N15Y4	GRAINGER	2A188	\$141.85
Proximity, Metallic Obj.	Range: 15mm, Inductive	90-140VAC	NO/NC	No	OMRON	E2Q-N15Y4-51	GRAINGER	6C828	\$155.50
Proximity, Metallic Obj.	Range: 3mm, Inductive	10-30VDC	N.O.	No	OMRON	TL-W3MC1	GRAINGER	6C829	\$48.60
Proximity, Metallic Obj.	Range: 5mm, Inductive	10-30VDC	N.O.	No	OMRON	TL-W5MC1	GRAINGER	6C830	\$40.30
Proximity, Metallic Obj.	Range: 5mm, Inductive	10-30VDC	N.O.	No	OMRON	TL-W5E1	GRAINGER	6C831	\$53.45
Proximity, Metallic Obj.	Range: 5mm, Inductive	10-30VDC	N.C.	No	OMRON	TL-W5E2	GRAINGER	6C832	\$53.45
Proximity, Metallic Obj.	Range: 20mm, Inductive	10-30VDC	N.O.	No	OMRON	TL-W20ME1	GRAINGER	6C833	\$68.05
Proximity, Metallic Obj.	Range: 20mm, Inductive	10-30VDC	N.C.	No	OMRON	TL-W20ME2	GRAINGER	6C834	\$68.05
Proximity, Long Range	Range: 40mm, Inductive	20-264VAC	N.O./N.C.	No	Telemecanique	XSD... A400519	GRAINGER	5B242	\$169.25
Proximity, Long Range	Range: 50mm, Inductive	20-264VAC	N.O./N.C.	No	Telemecanique	XSD... A500519	GRAINGER	5B241	\$184.00
Universal AC/DC									
Proximity, 8mm Inductive	Shielded, Range: 1.5mm	20-264VAC/DC	N.O.	No	Telemecanique	1M08MA230	GRAINGER	5B309	\$113.95
Proximity, 8mm Inductive	Shielded, Range: 1.5mm	20-264VAC/DC	N.C.	No	Telemecanique	1M08MB230	GRAINGER	5B308	\$113.95
Proximity, 8mm Inductive	Unshielded, Range: 2.5mm	20-264VAC/DC	N.O.	No	Telemecanique	2M08MA230	GRAINGER	5B270	\$120.50

Lamp Alarm	on towers or buildings	230VAC	Isolated Alarm		SSAC, Inc.	SCR630T	SSAC		\$99.90
Proximity, 8mm Inductive	Unshielded, Range: 2.5mm	20-264VAC/DC	N.O.	No	Telemecanique	4P08MA230	GRAINGER	5B259	\$120.50
Universal DC									
Proximity, 8mm Inductive	Shielded, Range: 1.5mm	10-58VDC	N.O.	No	Telemecanique	1M08NA370	GRAINGER	5B307	\$84.10
Proximity, 8mm Inductive	Shielded, Range: 1.5mm	10-58VDC	N.O.	No	Telemecanique	1M08NA370D	GRAINGER	5B306	\$84.10
Economy DC									
Proximity, 8mm Inductive	Shielded, Range: 1.5mm	10-38VDC	N.O.	No	Telemecanique	1N08PA340D	GRAINGER	2CW46	\$71.00
Proximity, 8mm Inductive	Shielded, Range: 1.5mm	10-38VDC	N.O.	No	Telemecanique	1N08NA340	GRAINGER	5B277	\$71.00
Proximity, 8mm Inductive	Shielded, Range: 1.5mm	10-38VDC	N.O.	No	Telemecanique	1N08NA340D	GRAINGER	2CW41	\$71.00
Proximity, 8mm Inductive	Unshielded, Range: 2.5mm	10-38VDC	N.O.	No	Telemecanique	4P08NA340	GRAINGER	5B258	\$71.00
Universal AC/DC									
Proximity, 12mm Inductive	Shielded, Range: 2.0mm	20-264VAC/DC	N.O.	No	Telemecanique	1M12MA230	GRAINGER	5B301	\$91.55
Proximity, 12mm Inductive	Shielded, Range: 2.0mm	20-264VAC/DC	N.C.	No	Telemecanique	1M12MB230	GRAINGER	5B299	\$91.55
Proximity, 12mm Inductive	Shielded, Range: 2.0mm	20-264VAC/DC	N.O.	No	Telemecanique	1M12MA230K	GRAINGER	5B300	\$97.15
Proximity, 12mm Inductive	Shielded, Range: 4.0mm	20-264VAC/DC	N.O.	No	Telemecanique	2M12MA230	GRAINGER	5B269	\$91.55
Proximity, 12mm Inductive	Shielded, Range: 4.0mm	20-264VAC/DC	N.O.	No	Telemecanique	2M12MA230K	GRAINGER	5B268	\$103.70
Proximity, 12mm Inductive	Shielded, Range: 4.0mm	20-264VAC/DC	N.O.	No	Telemecanique	4P12MA230	GRAINGER	5B255	\$107.45
Universal DC									
Proximity, 12mm Inductive	Shielded, Range: 2.0mm	10-58VDC	N.O.	No	Telemecanique	1M12NA370	GRAINGER	5B298	\$70.05
Proximity, 12mm Inductive	Shielded, Range: 4.0mm	10-58VDC	N.O.	No	Telemecanique	2M12NA370	GRAINGER	5B267	\$72.85
Proximity, 12mm Inductive	Shielded, Range: 4.0mm	10-58VDC	N.O.	No	Telemecanique	2M12PA370	GRAINGER	5B266	\$72.85
Economy DC									
Proximity, 12mm Inductive	Shielded, Range: 2.0mm	10-38VDC	N.O.	No	Telemecanique	1N12NA340	GRAINGER	5B275	\$57.00
Proximity, 12mm Inductive	Shielded, Range: 4.0mm	10-38VDC	N.O.	No	Telemecanique	4P12NA340	GRAINGER	5B254	\$59.80
Economy AC									
Proximity, 12mm Inductive	Shielded, Range: 2.0mm	20-264VAC	N.O.	No	Telemecanique	1M12FA260	GRAINGER	5B303	\$83.15
Proximity, 12mm Inductive	Shielded, Range: 2.0mm	20-264VAC	N.C.	No	Telemecanique	1M12FB260	GRAINGER	5B302	\$83.15
Proximity, 12mm Inductive	Shielded, Range: 4.0mm	20-264VAC	N.O.	No	Telemecanique	4P12FA260	GRAINGER	5B256	\$85.95
Universal AC/DC									
Proximity, 18mm Inductive	Shielded, Range: 5.0mm	20-264VAC/DC	N.O.	No	Telemecanique	1M18MA230	GRAINGER	5B292	\$94.35
Proximity, 18mm Inductive	Shielded, Range: 5.0mm	20-264VAC/DC	N.O.	No	Telemecanique	1M18MA250	GRAINGER	5B289	\$137.30
Proximity, 18mm Inductive	Shielded, Range: 5.0mm	20-264VAC/DC	N.O.	No	Telemecanique	1M18MA230K	GRAINGER	5B290	\$100.90
Proximity, 18mm Inductive	Shielded, Range: 5.0mm	20-264VAC/DC	N.O.	No	Telemecanique	1M18MA230A	GRAINGER	5B291	\$112.10
Proximity, 18mm Inductive	Unshielded, Range: 8.0mm	20-264VAC/DC	N.O.	No	Telemecanique	2M18MA230	GRAINGER	5B263	\$103.70
Proximity, 18mm Inductive	Unshielded, Range: 8.0mm	20-264VAC/DC	N.O.		Telemecanique	4P18MA230	GRAINGER	5B250	\$100.90
Universal DC									
Proximity, 18mm Inductive	Shielded, Range: 5.0mm	10-58VDC	N.O.	No	Telemecanique	1M18NA370	GRAINGER	5B288	\$73.80
Proximity, 18mm Inductive	Shielded, Range: 5.0mm	10-58VDC	N.O.	No	Telemecanique	1M18NA370D	GRAINGER	5B287	\$73.80
Economy DC									
Proximity, 18mm Inductive	Shielded, Range: 5.0mm	10-38VDC	N.O.	No	Telemecanique	1N18NA340	GRAINGER	5B274	\$66.35
Proximity, 18mm Inductive	Unshielded, Range: 8.0mm	10-38VDC	N.O.	No	Telemecanique	4P18NA340	GRAINGER	5B249	\$70.05
Proximity, 18mm Inductive	Shielded, Range: 5.0mm	20-264VAC	N.O.	No	Telemecanique	1M18FA260	GRAINGER	5B295	\$85.95
Proximity, 18mm Inductive	Shielded, Range: 5.0mm	20-264VAC	N.C.	No	Telemecanique	1M18FB260	GRAINGER	5B293	\$85.95
Proximity, 18mm Inductive	Shielded, Range: 5.0mm	20-264VAC	N.O.	No	Telemecanique	1M18FA260K	GRAINGER	5B294	\$91.55
Proximity, 18mm Inductive	Unshielded, Range: 8.0mm	20-264VAC	N.O.		Telemecanique	4P18FA260	GRAINGER	5B251	\$90.60
Universal AC/DC									
Proximity, 30mm Inductive									
Proximity, 30mm Inductive	Shielded, Range: 10.0mm	20-264VAC/DC	N.O.		Telemecanique	1M30MA230	GRAINGER	5B282	\$99.00
Proximity, 30mm Inductive	Shielded, Range: 10.0mm	20-264VAC/DC	N.O.	No	Telemecanique	1M30MA250	GRAINGER	5B281	\$144.80
Proximity, 30mm Inductive	Shielded, Range: 10.0mm	20-264VAC/DC	N.O.	No	Telemecanique	1M30MA250A	GRAINGER	5B280	\$162.75
Proximity, 30mm Inductive	Unshielded, Range: 15.0mm	20-264VAC/DC	N.O.	No	Telemecanique	2M30MA230	GRAINGER	5B260	\$105.55
Proximity, 30mm Inductive	Unshielded, Range: 15.0mm	20-264VAC/DC	N.O.	No	Telemecanique	4P30MA230	GRAINGER	5B247	\$103.70
Economy AC									

Lamp Alarm	on towers or buildings	230VAC	Isolated Alarm		SSAC, Inc.	SCR630T	SSAC		\$99.90
Proximity,30mm Inductive	Shielded, Range: 10.0mm	24-240VAC	N.O.	No	Telemecanique	1M30FA260	GRAINGER	5B284	\$87.80
Proximity,30mm Inductive	Shielded, Range: 10.0mm	24-240VAC	N.C.	No	Telemecanique	1M30FB260	GRAINGER	5B283	\$87.80
Universal DC									
Proximity,30mm Inductive	Shielded, Range: 10.0mm	10-58VDC	N.O.	No	Telemecanique	1M30NA370	GRAINGER	5B279	\$86.90
Economy DC									
Proximity,30mm Inductive	Shielded, Range: 10.0mm	10-38VDC	N.O.	No	Telemecanique	1N30NA340	GRAINGER	5B272	\$73.80
Proximity,30mm Inductive	Unshielded, Range: 15.0mm	10-38VDC	N.O.	No	Telemecanique	4P30NA340	GRAINGER	5B246	\$73.80
*See the Grainger catalog for more details on the above Inductive Proximity Sensors									
Proximity, Capacitive	Range: 3-25mm	90-250VAC	N.O.	No	OMRON	E2K-C25MY1	GRAINGER	4A331	\$110.75
Proximity, Capacitive	Range: 3-25mm	90-250VAC	N.C.	No	OMRON	E2K-C25MY2	GRAINGER	4A341	\$110.75
Proximity, Capacitive	Range: 3-25mm	10-40VDC	NPN-N.O.	No	OMRON	E2K-C25ME1	GRAINGER	6C835	\$110.75
Proximity, Capacitive	Range: 3-25mm	10-40VDC	NPN-N.C.	No	OMRON	E2K-C25ME2	GRAINGER	6C836	\$110.75
Proximity, Capacitive	Range: 4mm	10-30VDC	NPN-N.O.	No	OMRON	4ME1	GRAINGER	6C840	\$88.50
Proximity, Capacitive	Range: 4mm	10-30VDC	NPN-N.C.	No	OMRON	4ME2	GRAINGER	3XC04	\$88.50
Proximity, Capacitive	Range: 8mm	10-30VDC	NPN-N.O.	No	OMRON	8ME1	GRAINGER	6C841	\$84.55
Proximity, Capacitive	Range: 8mm	10-30VDC	NPN-N.C.	No	OMRON	8ME2	GRAINGER	6C842	\$84.55
Proximity, Capacitive	Range: 15mm	10-30VDC	NPN-N.O.	No	OMRON	15ME1	GRAINGER	6C843	\$89.40
Proximity, Capacitive	Range: 15mm	10-30VDC	NPN-N.C.	No	OMRON	15ME2	GRAINGER	6C845	\$89.40

* Capacitive proximity sensors detect various metallic and non-metallic objects

McMaster-Carr, 630-833-0300, fax: 630-834-9427

Email: chi.sales@mcmaster.com, Website: www.mcmaster.com

Switch, Magnetic Contact	Door, 3" Gap distance	None	Closed-loop style	No			McMaster-Carr	80425A31	\$34.55
Switch, Magnetic Contact	Door, 6" Gap distance	None	Closed-loop style	No			McMaster-Carr	80535A42	\$39.27
Switch, Magnetic Contact	5/8" Gap, self adhesive, gray	None	Closed-loop style	No			McMaster-Carr	8039A18	\$4.31
Switch, Magnetic Contact	5/8" Gap, self adhesive,white	None	Closed-loop style	No			McMaster-Carr	8039A21	\$4.31
Switch, Magnetic Contact	5/8" Gap, self adhesive,brown	None	Closed-loop style	No			McMaster-Carr	8039A22	\$4.31
Switch, Magnetic Contact	5/8" Gap, self adhesive, gray	None	SPDT style	No			McMaster-Carr	8039A41	\$8.48
Switch, Magnetic Contact	5/8" Gap, self adhesive,white	None	SPDT style	No			McMaster-Carr	8039A42	\$8.48
Switch, Magnetic Contact	5/8" Gap, self adhesive,brown	None	SPDT style	No			McMaster-Carr	8039A43	\$8.48
Switch, Magnetic Contact	3/4" Gap, Standard, gray	None	Closed-loop style	No			McMaster-Carr	8039A12	\$4.09
Switch, Magnetic Contact	3/4" Gap, Standard, white	None	Closed-loop style	No			McMaster-Carr	8039A14	\$4.09
Switch, Magnetic Contact	3/4" Gap, Standard, brown	None	Closed-loop style	No			McMaster-Carr	8039A15	\$4.09
Switch, Magnetic Contact	3/4" Gap, Standard, gray	None	SPDT style	No			McMaster-Carr	8039A46	\$8.32
Switch, Magnetic Contact	3/4" Gap, Standard, white	None	SPDT style	No			McMaster-Carr	8039A47	\$8.32
Switch, Magnetic Contact	3/4" Gap, Standard, brown	None	SPDT style	No			McMaster-Carr	8039A48	\$8.32
Switch, Magnetic Contact	1 1/4" Gap, Standard, gray	None	Closed-loop style	No			McMaster-Carr	8073A11	\$7.18
Switch, Magnetic Contact	1 1/4" Gap, Standard, white	None	Closed-loop style	No			McMaster-Carr	8073A13	\$7.18
Switch, Magnetic Contact	1 1/4" Gap, Standard, brown	None	Closed-loop style	No			McMaster-Carr	8073A16	\$7.18
Switch, Magnetic Contact	1 1/4" Gap, Standard, gray	None	SPDT style	No			McMaster-Carr	8073A27	\$10.15
Switch, Magnetic Contact	1 1/4" Gap, Standard, white	None	SPDT style	No			McMaster-Carr	8073A28	\$10.15
Switch, Magnetic Contact	1 1/4" Gap, Standard, brown	None	SPDT style	No			McMaster-Carr	8073A29	\$10.15
Switch, Magnetic Contact	2 1/2" Gap, explosion proof	None	Closed-loop style	No			McMaster-Carr	8101A51	\$72.73
Switch, Magnetic Contact	2 1/2" Gap, explosion proof	None	SPDT style	No			McMaster-Carr	8101A54	\$76.65
Switch, Magnetic Contact	3" Gap, Floor mounted,Alum.	None	Closed-loop style	No			McMaster-Carr	8135A11	\$28.29
Switch, Magnetic Contact	3" Gap, Floor mounted,Alum.	None	SPDT style	No			McMaster-Carr	8135A32	\$30.69
Contacts,Concealed Mag.	5/8" Gap, screw-in, Aluminum	None	Closed-loop style	No			McMaster-Carr	12495A41	\$6.43
Contacts,Concealed Mag.	5/8" Gap, screw-in, Brass	None	Closed-loop style	No			McMaster-Carr	12495A42	\$6.43
Contacts,Concealed Mag.	1 1/8" Gap, screw-in, Alum.	None	Closed-loop style	No			McMaster-Carr	12495A51	\$6.67
Contacts,Concealed Mag.	1 1/8" Gap, screw-in, Brass	None	Closed-loop style	No			McMaster-Carr	12495A52	\$6.31
Contacts,Concealed Mag.	1/2" Gap, screw-in, Aluminum	None	SPDT style	No			McMaster-Carr	12495A53	\$9.02

Lamp Alarm	on towers or buildings	230VAC	Isolated Alarm		SSAC, Inc.	SCR630T	SSAC		\$99.90
Contacts, Concealed Mag.	1/2" Gap, screw-in, Brass	None	SPDT style	No			McMaster-Carr	12495A54	\$9.00
Level, Liquid, Top-mount	150psi max., polypropylene	None	N.O. or N.C.	No			McMaster-Carr	50195K65	\$14.29
Level, Liquid, Top-mount	15psi max., Kynar float	None	N.O. or N.C.	No			McMaster-Carr	44785K13	\$32.56
Level, Liquid, Top-mount	150psi max., Buna N float	None	N.O. or N.C.	No			McMaster-Carr	48095K81	\$25.16
Others Available See Catalog pages 332-335 or website (www.mcmaster.com)									
Includes: Bracket-Mount and Side-Mount Liquid Level Switches									
Level, Liquid, hazard area	Brass body, Silver Contacts	None	N.O. or N.C.	No			McMaster-Carr	4914K11	\$221.30
Level, Liquid, hazard area	Type 316 SS, Silver Contacts	None	N.O. or N.C.	No			McMaster-Carr	4914K12	\$312.87
Level, Liquid, hazard area	Brass body, Gold Contacts	None	N.O. or N.C.	No			McMaster-Carr	4914K21	\$222.70
Level, Liquid, hazard area	Type 316 SS, Gold Contacts	None	N.O. or N.C.	No			McMaster-Carr	4914K22	\$312.10
*Silver Contacts rated for 5A at 125/250VAC (General Purpose)									
*Gold Contacts rated for 0.1A at 125VAC (Dry Circuits)									
*The four above items use a SPDT relay rated for 10A at 125/250VAC									
Level, Liq., high pres. (Haz)	Side-mount, brass, 1000psi	None	N.O./N.C., silv. contacts	No			McMaster-Carr	4909K63	\$99.21
Level, Liq., high pres. (Haz)	Side-mnt, stainsl stl., 2000psi	None	N.O./N.C., silv. contacts	No			McMaster-Carr	4909K65	\$125.37
Level, Liq., high pres. (Haz)	Side-mount, brass, 1000psi	None	N.O./N.C., gold contacts	No			McMaster-Carr	4909K83	\$110.81
Level, Liq., high pres. (Haz)	Side-mnt, stainsl stl., 2000psi	None	N.O./N.C., gold contacts	No			McMaster-Carr	4909K85	\$137.14
Level, Liq., high pres. (Haz)	In-line, brass, 250psi	None	N.O./N.C., silv. contacts	No			McMaster-Carr	4909K64	\$122.10
Level, Liq., high pres. (Haz)	In-line, stainless stl., 2000psi	None	N.O./N.C., silv. contacts	No			McMaster-Carr	4909K66	\$182.06
Level, Liq., high pres. (Haz)	In-line, brass, 250psi	None	N.O./N.C., gold contacts	No			McMaster-Carr	4909K84	\$135.06
Level, Liq., high pres. (Haz)	In-line, stainless stl., 2000psi	None	N.O./N.C., gold contacts	No			McMaster-Carr	4909K86	\$198.54
*Silver Contacts rated for 5A at 125/250VAC (General Purpose)									
*Gold Contacts rated for 0.1A at 125VAC (Dry Circuits)									
Level, Liquid, Lever-Arm	Lever-Arm control, no float	None	Open or Closed	No			McMaster-Carr	4944K11	\$108.79
Level, Liquid, Lever-Arm	Plunger control with float	None	Open or Closed	No			McMaster-Carr	4944K12	\$219.87
Level, Liquid, Lever-Arm	Counterbalanced Cntl. w/float	None	Open or Closed	No			McMaster-Carr	4944K13	\$251.60
Level, Liquid, Floating-Arm	Poylypropylene, range: 6-9"	None	N.O.	No			McMaster-Carr	6854K14	\$111.81
Level, Liquid, Floating-Arm	Poylypropylene, range: 9-13"	None	N.O.	No			McMaster-Carr	6854K26	\$121.24
Level, Liquid, Floating-Arm	Poylypropylene, range: 12-16"	None	N.O.	No			McMaster-Carr	6854K39	\$124.40
Level, Liquid, Floating-Arm	Poylypropylene, range: 21-25"	None	N.O.	No			McMaster-Carr	6854K47	\$137.05
Level, Liquid, Floating-Arm	Poylypropylene, range: 6-9"	None	N.C.	No			McMaster-Carr	6854K11	\$111.81
Level, Liquid, Floating-Arm	Poylypropylene, range: 9-13"	None	N.C.	No			McMaster-Carr	6854K24	\$121.24
Level, Liquid, Floating-Arm	Poylypropylene, range: 12-16"	None	N.C.	No			McMaster-Carr	6854K37	\$124.40
Level, Liquid, Floating-Arm	Poylypropylene, range: 21-25"	None	N.C.	No			McMaster-Carr	6854K45	\$137.05
Level, Liquid, Floating-Arm	Titanium, range: 6-9"	None	N.O.	No			McMaster-Carr	6854K52	\$168.67
Level, Liquid, Floating-Arm	Titanium, range: 9-13"	None	N.O.	No			McMaster-Carr	6854K56	\$173.95
Level, Liquid, Floating-Arm	Titanium, range: 12-16"	None	N.O.	No			McMaster-Carr	6854K69	\$184.49
Level, Liquid, Floating-Arm	Titanium, range: 21-25"	None	N.O.	No			McMaster-Carr	6854K77	\$202.74
Level, Liquid, Floating-Arm	Titanium, range: 6-9"	None	N.C.	No			McMaster-Carr	6854K51	\$168.67
Level, Liquid, Floating-Arm	Titanium, range: 9-13"	None	N.C.	No			McMaster-Carr	6854K54	\$173.95
Level, Liquid, Floating-Arm	Titanium, range: 12-16"	None	N.C.	No			McMaster-Carr	6854K67	\$184.49
Level, Liquid, Floating-Arm	Titanium, range: 21-25"	None	N.C.	No			McMaster-Carr	6854K75	\$202.74
Level, Liquid, Free-floating	Cable Length = 10 feet, 15psi	None	N.O.	No			McMaster-Carr	6854K51	\$168.67
Level, Liquid, Free-floating	Cable Length = 20 feet, 15psi	None	N.O.	No			McMaster-Carr	6854K54	\$173.95
Level, Liquid, Free-floating	Cable Length = 30 feet, 15psi	None	N.O.	No			McMaster-Carr	6854K67	\$184.49
Level, Liquid, Free-floating	Cable Length = 50 feet, 15psi	None	N.O.	No			McMaster-Carr	6854K75	\$202.74
Level, Liquid, Free-floating	Cable Length = 10 feet, 15psi	None	N.C.	No			McMaster-Carr	51445K11	\$32.14
Level, Liquid, Free-floating	Cable Length = 20 feet, 15psi	None	N.C.	No			McMaster-Carr	51445K12	\$39.29
Level, Liquid, Free-floating	Cable Length = 30 feet, 15psi	None	N.C.	No			McMaster-Carr	51445K13	\$48.81
Level, Liquid, Free-floating	Cable Length = 50 feet, 15psi	None	N.C.	No			McMaster-Carr	51445K14	\$60.71
Level, Liquid, Free-floating	Cable-Suspended, 28psi, *	None	N.O.	No			McMaster-Carr	49045K2	\$68.69
Level, Liquid, Free-floating	Cable-Suspended, 28psi, **	None	N.O.	No			McMaster-Carr	49045K6	\$96.19

Lamp Alarm	on towers or buildings	230VAC	Isolated Alarm		SSAC, Inc.	SCR630T	SSAC		\$99.90
Level, Liquid, Free-floating	Cable-Suspended, 28psi, *	None	N.C.	No			McMaster-Carr	49045K4	\$78.13
Level, Liquid, Free-floating	Cable-Suspended, 28psi, **	None	N.C.	No			McMaster-Carr	49045K8	\$96.19
(*) = Control Range of 8 to 39". (**) = Control Range of 12 to 157"									
Level, Liquid, Free-floating	Heavy Duty, Single Level	None	N.O.	No			McMaster-Carr	47025K39	\$85.09
Level, Liquid, Free-floating	Heavy Duty, Single Level	None	N.C.	No			McMaster-Carr	47025K38	\$85.09
Level, Liquid, Free-floating	Heavy Duty, Dual Level	None	N.O.	No			McMaster-Carr	47025K49	\$114.40
Level, Liquid, Free-floating	Heavy Duty, Dual Level	None	N.C.	No			McMaster-Carr	47025K48	\$114.40
Level, Dry, Rotating-Paddle	Side-mount, 6 5/8" shaft	120VAC, consumes 7W	DPDT Relay	No			McMaster-Carr	49005K26	\$372.35
Level, Dry, Rotating-Paddle	Top-mount, 12" shaft	120VAC, consumes 7W	DPDT Relay	No			McMaster-Carr	49005K36	\$393.18
Level, Dry, Rotating-Paddle	Top-mount, 24" shaft	120VAC, consumes 7W	DPDT Relay	No			McMaster-Carr	49005K37	\$419.81
Level, Dry, Rotating-Paddle	Top-mount, 36" shaft	120VAC, consumes 7W	DPDT Relay	No			McMaster-Carr	49005K38	\$446.83
Level, Dry, Rotating-Paddle	Top-mount, 48" shaft	120VAC, consumes 7W	DPDT Relay	No			McMaster-Carr	49005K39	\$470.16
Photoelectric	Diffused Reflective	10 - 30VDC	light/dark energized	No			McMaster-Carr	65845K42	\$63.32
Photoelectric	Retroreflective	10 - 30VDC	light/dark energized	No			McMaster-Carr	65845K64	\$60.40
Photoelectric,color detect	Sensor Light Color - Green	12 -24VDC	light/dark energized	No			McMaster-Carr	6558K19	\$144.64
Photoelectric,color detect	Sensor Light Color - Red	12 -24VDC	light/dark energized	No			McMaster-Carr	6558K18	\$144.64
Photoelectric,color detect	Sensor Light Color - Red	12 -24VDC	light/dark energized	No			McMaster-Carr	6558K22	\$155.36
Photoelectric,color detect	Sensor Light Color - Red	12 -24VDC	light/dark energized	No			McMaster-Carr	6558K24	\$155.36
*See color chart on catalog page 671 to select proper sensor for your application									
Use the following amplifiers with additional cable leads for extended range									
Photoelectric, Amplifier	Fiber-Optic, Single Channel	12 -24VDC	light/dark energized	No			McMaster-Carr	6601K11	\$119.27
Photoelectric, Amplifier	Fiber-Optic, Four Channel	12 -24VDC	light/dark energized	No			McMaster-Carr	6601K23	\$278.28
Fiber-Optic cable leads	Diffused Reflective			No			McMaster-Carr	65935K92	\$44.33
Fiber-Optic cable leads	Through Beam			No			McMaster-Carr	65935K91	\$44.33
*Sensor consists of an Amplifier and cable leads (sold seperately, pg 671)									
Proximity, Inductive	Plastic housing, Range: 2mm	20 - 250VAC	N.O.	No			McMaster-Carr	7521K51	\$71.49
Proximity, Inductive	Plastic housing, Range: 5mm	20 - 250VAC	N.O.	No			McMaster-Carr	7521K54	\$94.52
Proximity, Inductive	Plastic housing, Range: 8mm	20 - 250VAC	N.O.	No			McMaster-Carr	7521K57	\$100.72
Proximity, Inductive	Plastic housing, Range:10mm	20 - 250VAC	N.O.	No			McMaster-Carr	7521K58	\$110.16
Proximity, Inductive	Plastic housing, Range:15mm	20 - 250VAC	N.O.	No			McMaster-Carr	7521K59	\$110.16
Proximity, Inductive	Nickel-plated brass, Rg:2mm	20 - 250VAC	N.O.	No			McMaster-Carr	7486K85	\$75.35
Proximity, Inductive	Nickel-plated brass, Rg:4mm	20 - 250VAC	N.O.	No			McMaster-Carr	7486K95	\$75.35
Proximity, Inductive	Nickel-plated brass, Rg:5mm	20 - 250VAC	N.O.	No			McMaster-Carr	7486K86	\$79.48
Proximity, Inductive	Nickel-plated brass, Rg:10mm	20 - 250VAC	N.O.	No			McMaster-Carr	7486K96	\$79.48
Proximity, Inductive	Nickel-plated brass, Rg:10mm	20 - 250VAC	N.O.	No			McMaster-Carr	7486K15	\$86.71
Proximity, Inductive	Nickel-plated brass, Rg:15mm	20 - 250VAC	N.O.	No			McMaster-Carr	7486K16	\$86.71
Proximity, Inductive	Stainless steel, Range:2mm	20 - 250VAC	N.O.	No			McMaster-Carr	73635K14	\$108.80
Proximity, Inductive	Stainless steel, Range:4mm	20 - 250VAC	N.O.	No			McMaster-Carr	73635K34	\$108.80
Proximity, Inductive	Stainless steel, Range:5mm	20 - 250VAC	N.O.	No			McMaster-Carr	73635K15	\$114.13
Proximity, Inductive	Stainless steel, Range:8mm	20 - 250VAC	N.O.	No			McMaster-Carr	73635K35	\$114.13
Proximity, Inductive	Stainless steel, Range:10mm	20 - 250VAC	N.O.	No			McMaster-Carr	73635K16	\$119.47
Proximity, Inductive	Stainless steel, Range:15mm	20 - 250VAC	N.O.	No			McMaster-Carr	73635K36	\$119.47
Proximity, Inductive	Nickel-plated brass, Rg:2mm	20 - 250VAC	N.C.	No			McMaster-Carr	7486K87	\$75.35
Proximity, Inductive	Nickel-plated brass, Rg:4mm	20 - 250VAC	N.C.	No			McMaster-Carr	7486K97	\$75.35
Proximity, Inductive	Nickel-plated brass, Rg:5mm	20 - 250VAC	N.C.	No			McMaster-Carr	7486K88	\$79.48
Proximity, Inductive	Nickel-plated brass, Rg:10mm	20 - 250VAC	N.C.	No			McMaster-Carr	7486K98	\$79.48
Proximity, Inductive	Nickel-plated brass, Rg:10mm	20 - 250VAC	N.C.	No			McMaster-Carr	7486K47	\$86.71
Proximity, Inductive	Nickel-plated brass, Rg:15mm	20 - 250VAC	N.C.	No			McMaster-Carr	7486K48	\$86.71
Proximity, Inductive	Plastic housing, Range: 4mm	10 - 30VDC	NPN	No			McMaster-Carr	7521K52	\$65.97
Proximity, Inductive	Plastic housing, Range: 5mm	10 - 30VDC	NPN	No			McMaster-Carr	7521K55	\$74.83
Proximity, Inductive	Plastic housing, Range:15mm	10 - 30VDC	NPN	No			McMaster-Carr	7521K77	\$87.08
Proximity, Inductive	Nickel-plated brass, Rg:2mm	10 - 30VDC	NPN	No			McMaster-Carr	7674K72	\$67.24

Lamp Alarm	on towers or buildings	230VAC	Isolated Alarm		SSAC, Inc.	SCR630T	SSAC		\$99.90
Proximity, Inductive	Nickel-plated brass,Rg:5mm	10 - 30VDC	NPN	No			McMaster-Carr	7674K75	\$75.03
Proximity, Inductive	Nickel-plated brass,Rg:10mm	10 - 30VDC	NPN	No			McMaster-Carr	7674K77	\$81.66
Proximity, Inductive	Stainless steel,Range:2mm	10 - 30VDC	NPN	No			McMaster-Carr	73635K31	\$80.00
Proximity, Inductive	Stainless steel,Range:5mm	10 - 30VDC	NPN	No			McMaster-Carr	73635K32	\$84.27
Proximity, Inductive	Stainless steel,Range:10mm	10 - 30VDC	NPN	No			McMaster-Carr	73635K33	\$88.53
*See catalog page 672 for cable type, housing dim., and switching frequencies or see (www.mcmaster.com) for complete details									
Proximity, Capacitive	Threaded, Range: 15mm	90 - 250VAC	N.O.	No			McMaster-Carr	7675K51	\$118.16
Proximity, Capacitive	Threaded, Range: 15mm	90 - 250VAC	N.C.	No			McMaster-Carr	7675K41	\$118.16
Proximity, Capacitive	Threaded, Range: 8mm	10 - 30VDC	N.O.	No			McMaster-Carr	7675K54	\$86.38
Proximity, Capacitive	Threaded, Range: 8mm	10 - 30VDC	N.C.	No			McMaster-Carr	7675K48	\$86.38
Proximity, Capacitive	Threaded, Range: 15mm	10 - 30VDC	N.O.	No			McMaster-Carr	7675K52	\$91.35
Proximity, Capacitive	Threaded, Range: 15mm	10 - 30VDC	N.C.	No			McMaster-Carr	7675K42	\$91.35
Proximity, Capacitive	Smooth, Range: 3-25mm	90 - 250VAC	N.O.	No			McMaster-Carr	7675K56	\$113.19
Proximity, Capacitive	Smooth, Range: 3-25mm	90 - 250VAC	N.C.	No			McMaster-Carr	7675K46	\$113.19
Proximity, Capacitive	Smooth, Range: 3-25mm	10 - 40VDC	N.O.	No			McMaster-Carr	7675K57	\$113.19
Proximity, Capacitive	Smooth, Range: 3-25mm	10 - 40VDC	N.C.	No			McMaster-Carr	7675K47	\$113.19
Proximity, Capacitive	W/relay, Range: 15mm	24VAC	SPDT Contacts	No			McMaster-Carr	65715K61	\$127.85
Proximity, Capacitive	W/relay, Range: 15mm	110VAC	SPDT Contacts	No			McMaster-Carr	65715K62	\$142.63
Proximity, Capacitive	W/relay, Range: 15mm	220VAC	SPDT Contacts	No			McMaster-Carr	65715K63	\$142.63
Proximity, Capacitive	W/relay,time delay,Rg.15mm	24VAC	SPDT Contacts	No			McMaster-Carr	65715K64	\$160.15
Proximity, Capacitive	W/relay,time delay,Rg.15mm	110VAC	SPDT Contacts	No			McMaster-Carr	65715K65	\$175.48
Proximity, Capacitive	W/relay,time delay,Rg.15mm	220VAC	SPDT Contacts	No			McMaster-Carr	65715K66	\$175.48

Radio Shack, 800-THE-SHACK
INTERNET: www.radioshack.com

Passive IR Motion sensor	Dual-element, detects Heat	12VDC@24mA	30VDC/50mA terminals	No			Radio Shack	490-0531	
Passive Infrared Alarm	Intrusion Alarm w/Contacts	120VAC/60Hz/23W	Dry Output Terminals	No			Radio Shack	490-0305	
Passive Infrared Alarm	with external alarm terminals	120VAC/60Hz/24W	Relay Terminals	No			Radio Shack	490-0320	
Passive Infrared Alarm	with external alarm terminals	120VAC/60Hz/24W	Relay Terminals	No			Radio Shack	490-0320A	
IR Motion w/Heat Detect	Dual-element	12VDC		No			Radio Shack	490-0549	
Passive IR Motion sensor	Dual-element, Pyroelectric	10 - 18VDC	N.C. Relay Output	No			Radio Shack	490-0550	
IR Photo Relay Sensor	IR Alarm, Photo Relay sensor	12VDC@60mA max	Alarm Relay Contacts	No			Radio Shack	490-0551	
IR Photo Relay Sensor	IR Alarm, Photo Relay sensor	12VDC@60mA max	Alarm Relay Contacts	No			Radio Shack	490-0551A	
Tamper Switch	N.O., Plunger Type	None	N.O., rated:50VDC/.5A	No			Radio Shack	49-528	\$1.99
Lever switch	SPDT w/ 3/4" roller	None	rated:250VAC/5 Amps	No			Radio Shack	275-017	\$1.99
Lever Switch (no roller)	SPDT without roller	None	rated:250VAC/5 Amps	No			Radio Shack	275-016	\$1.89
Windows									
mini magnetic switch	N.C., For smaller Windows	None	N.C.	No			Radio Shack	49-497	\$3.99
Press-fit Switch	For storm doors/utility areas	None	N.C.	No			Radio Shack	49-505	\$5.99
mini shock/vibration det.	For windows, walls, ceilings	None	N.C.	No			Radio Shack	490-0521	
Doors/Windows									
Concealed Magnetic	For Door/Window Frames	None	N.C.	No			Radio Shack	49-496	\$3.99
Magnetic Switch	Door & Window applications	None	N.C.	Yes			Radio Shack	49-532	\$4.99
Magnetic Switch	Door & Window applications	None	N.O.	Yes			Radio Shack	49-533	\$5.99
Contact Switch	For Door/Window Frames	None	N.C.	No			Radio Shack	49-513	\$1.49
Sliding Door/Window	Use w/Glass Breakage Det. or Foil	None		No			Radio Shack	49-518	\$4.99
Foil		None		No			Radio Shack	RSU11912409	\$7.49
Glass Breakage Detector	protects up to 32 sq. ft.	None		No			Radio Shack	49-516	\$8.99