

Electrical Switch Selection Tables

Electrical Switch Selection - Table C (Model P88 ONLY)

SWITCH CODE	VOLTS	AMP RESISTIVE	HORSE POWER @ 250 VAC	CONTACT MATERIAL
1	30 VDC / 125VAC	1	—	GOLD
5	250 VAC	5	0.1	SILVER
10	250 VAC	10	1/3	SILVER
15	250 VAC	15	1/2	SILVER
25	250 VAC	25	2	SILVER

For dry circuitry, i.e. 5VDC-50 mA or less, use gold contact switch (Code 1). If less than 20mA, performance of electrical switch will be environmentally dependent. If there is some form of contamination (dust, dirt, oil, chemical residue, etc.) at point of contact, the electrical switch could perform intermittently, as there would be insufficient current to burn off any possible contamination. Above switches are SPDT, but may be used as SPST. 25 Amp Switch Available on Codes 4, 5 & 6 ONLY.

Electrical Switch Selection - Table D (Models P90 & P95 ONLY)

SWITCH CODE	VOLTS	AMP RESISTIVE @ 250 VAC	HORSE POWER	CONTACT MATERIAL
1	30 VDC / 125VAC	1	—	GOLD
5	30 VDC / 250VAC	5	—	SILVER
11	30 VDC / 250VAC	11	1/4	SILVER

For dry circuitry, i.e. 5VDC-50 mA or less, use gold contact switch (Code 1). If less than 20mA, performance of electrical switch will be environmentally dependent. If there is some form of contamination (dust, dirt, oil, chemical residue, etc.) at point of contact, the electrical switch could perform intermittently, as there would be insufficient current to burn off any possible contamination. Above switches are SPDT, but may be used as SPST.

Electrical Switch Selection - Table E (All EXCEPT Models P88, P90 & P95)

SWITCH CODE	VOLTS AC / DC	AMP RESISTIVE	AMP INDUCTIVE	CONTACT MATERIAL
1	115 / 28	1 / 1	1 / .5	GOLD
5	250 / 28	5 / 5	5 / 3	SILVER
UL & CSA LISTED @ SEA LEVEL FOR AC VOLT RATING				

For dry circuitry, i.e. 5VDC-50 mA or less, use gold contact switch (Code 1). If less than 20mA, performance of electrical switch will be environmentally dependent. If there is some form of contamination (dust, dirt, oil, chemical residue, etc.) at point of contact, the electrical switch could perform intermittently, as there would be insufficient current to burn off any possible contamination. Above switches are SPDT, but may be used as SPST.

Optional*

Electrical Switch Selection - (All EXCEPT Models P88, P90 & P95)

SWITCH CODE	VOLTS AC / DC	AMP RESISTIVE	CONTACT MATERIAL
.1	125 / 30	.1	GOLD PLATE
3	125 / 30	3 / 2	SILVER

For dry circuitry, i.e. 5VDC-50 mA or less, use gold contact switch (Code .1). If less than 20mA, performance of electrical switch will be environmentally dependent. If there is some form of contamination (dust, dirt, oil, chemical residue, etc.) at point of contact, the electrical switch could perform intermittently, as there would be insufficient current to burn off any possible contamination. Above switches are SPDT, but may be used as SPST.

*Consult factory for sensor code and performance table specifications.

CAUTION: Customer media and environment must be compatible with construction materials as outlined above.

