

Selecting the Correct Pressure Switch for Your Application

Pressure Switch	Model	Type-Y			Type-Z		
		Class	Division	Groups	Class	Division	Groups
DP-1A (Dwyer P/N 1950) Note: No power in but signal out	AFP-01	Class I	Division 1	C, D	Class I	Division 2	C, D
		Class II	Division 1	F, G	Class II	Division 2	F, G
	AFP-02	Class I	Division 1	C, D	Class I	Division 2	C, D
		Class II	Division 1	F, G	Class II	Division 2	F, G
	AFP-03	Class I	Division 1	C, D	Class I	Division 2	C, D
		Class II	Division 1	F, G	Class II	Division 2	F, G
	AP-01	N/A	N/A	N/A	N/A	N/A	N/A
	DP-1B, DP-1C, DP-1D (Dwyer P/N 1950G) Power in and signal out	AFP-01	Class I	Division 1	A, B, C, D	Class I	Division 2
Class II			Division 1	F, G	Class II	Division 2	F, G
AFP-02		Class I	Division 1	A, B, C, D	Class I	Division 2	A, B, C, D
		Class II	Division 1	F, G	Class II	Division 2	F, G
AFP-03		Class I	Division 1	A, B, C, D	Class I	Division 2	A, B, C, D
		Class II	Division 1	F, G	Class II	Division 2	F, G
AP-01		N/A	N/A	N/A	Class I	Division 2	A, B, C, D
					Class II	Division 2	F, G

Class I	Locations with flammable gases or vapors
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Class II	Locations with combustibile dusts
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Division 1	Hazardous material has a high probability of producing an explosive or ignitable mixture due to it being present continuously, intermittently, or periodically or from equipment itself under normal operation conditions.
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Division 2	Hazardous material has a low probability of producing an explosive or ignitable mixture and is present only during abnormal conditions for a short period of time.
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Group A	Acetylene
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Group B	Hydrogen, butadiene, ethylene oxide, propylene oxide, acrolein
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Group C	ethyl ether, ethylene, acetaldehyde, and cyclopropane
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Group D	acetone, ammonia, benzene, butane, ethanol, gasoline, methane, natural gas, naphtha, propane
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Group F	Carbon black, coal, coke dust
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Group G	Dusts such as flour, starch, grain, wood, plastic, and chemicals
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