

LF20-H High Pressure Switch (10~400 PSI)

The LF20-H high pressure switches are robust, compact and designed to operate in harsh environments at various pressures. Because of its special internal design this high pressure switch can tolerate high pressure spikes inherent on many pressure systems. The switch is factory calibrated but in the case that adjustment is needed in the field the switch offers an adjustment screw to facilitate any fine tuning required. The standard diaphragm employed is polyimide making it compatible with many gases and liquids. Several other diaphragm materials are available that make the high pressure switch compatible with many mediums. Various electrical terminations are available including tabs and a metric-pack connector that forms a tight seal when connected. Because of their ruggedness the LF20-H is a popular choice for the many OEM applications.



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Model	LF20-H
Medium	Air, motor oils, transmission oils, jet fuels and other similar hydrocarbon medium; water (provide with special diaphragm material)
Pressure Set Point	Factory set from 10 to 400 PSI
Max Operating Pressure	500 PSI
Proof Pressure	2000 PSI
Burst Pressure	4000 PSI
Operating Temperature Range	-40° C to ~ 120° C
Switch Type	Direct action, blade contact

Electric Rating	Resistive: 15 AMP- 6 VDC 8 AMP- 12 VDC 4 AMP- 24 VDC Inductive: 1 AMP- 120 VAC 0.5 AMP- 240 VAC
Contact Arrangement	SPST-N.O., N.C., SPDT
Terminals	#8-32 screws, 1/4" blade, Metri-Pack
Connection	1/8"NPT Male, 1/4"NPT Male, G1/8" Male, G1/4" Male
Material	Contact: Silver alloy, gold plated Base: Plated Steel; Cover: Glass reinforced polyester Diaphragm: Polyimide film (other materials isoptional according to medium)
Options	Base connector thread sizes; wire leads (potted & sealed); N.O./N.O. dual circuit and N.C./N.C. dual circuit