

LF20 Extended Duty Pressure Switch (0.5-150 PSI)

The LF20 Extended Duty Pressure Switch is specifically designed to stand up to extended duty applications. This switch is factory set but capable of field adjustment. The LF20 Extended Duty Pressure Switch features different diaphragms for compatibility with a wide variety of fluids, and various terminations including a Metric-Pack connector that forms a tight seal when connected. Among the outstanding design benefits are its durable construction, compact size, and enhanced set point integrity. The LF20 Extended Duty Pressure Switch can be widely used for pool and spa, anti-skid braking systems, water pump systems, dental air compressors, etc.



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Model	LF20
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 0.5 to 150 PSI
Max Operating Pressure	150 PSI for 0.5-24 PSI set point range 250 PSI for 25-150 PSI set point range
Proof Pressure	500 PSI
Burst Pressure	750 PSI for 0.5-24 PSI set point range 1250 PSI for 25-150 PSI set point range

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., 1 circuit adjustable dual circuit or 2 circuits adjustable dual circuit. N.O./N.O. dual circuit and N.C./N.C. dual circuit "F.
Terminals	#8-32 screws, 1/4" blade
Connection	1/8"NPT Male, 1/4"NPT Male, G1/8" Male, G1/4" Male
Material	Contact: Silver alloy, gold plated Base: Brass Cover: Glass reinforced polyester Diaphragm: Polyimide film (other materials isoptional according to medium)
Options	Plated Steel, plastic or stainless steel base; various base connector thread sizes; wire leads (potted & sealed).