

LF20

The LF20 pressure switch is specifically designed to stand up to extended duty applications. The switch is factory set but capable of field adjustment. A standard feature is a polyimide diaphragm for compatibility with a wide variety of fluids. The switch also offers various terminations including a Metric- Pack connector that forms a tight seal when connected. Design benefits include durable construction, compact size and enhanced set point integrity.

LF20 Pressure Switch: Benefits & Features

- Various diaphragm materials are available to make it compatible with many mediums
- Many electrical terminations are available
- We offer an adjustment screw to enable fine tuning if required
- Tough, versatile choice for many OEM applications



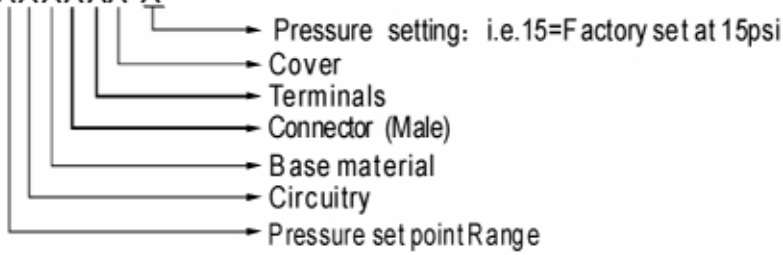
Model	LF20
Media	Air, motor oils, transmission oils, jet fuels and other similar hydrocarbon media; Water
Pressure Set Point	Factory set from 0.5 to 150 psi
Max Operating Pressure	150 psi for 0.5-24 psi set point range 250 psi for 25-150 psi set point range
Proof Pressure	500 psi
Burst Pressure	750 psi for 0.5-24psi 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
Electrical Rating	Resistive : 15AMP-6VDC 8AMP-12VDC 4AMP-24VDC Inductive: 1AMP-120VAC 0.5AMP-240VAC
Contact Arrangement	SPST-N.O., N.C., 1 circuit adjustable dual circuit, or 2 circuits adjustable dual circuit. Also available are N.O/N.O. dual circuit and N.C./N.C. dual circuit.
Terminals	#8-32 screws, 1/4" blade
Connection	1/8-27NPT Male
Material	Contact: Silver alloy, gold plated Base: Brass Cover: Glass reinforced polyester Diaphragm: Polyimide film
Options	Plated Steel, plastic or stainless steel base; various base connector thread sizes; wire leads (potted & sealed); Teflon or EPDM diaphragm

Conversion: 1kgf/cm²=14.2psi 1bar=14.5psi

LF 20 Order Ref No:

The polyimide diaphragm is not compatible with water, If customer is to use the pressure switch in water, please contact the factory.

LF20-XXXXXX-X



Number	Pressure set point Range	Circuitry	Base Material	Connector (Male)	Terminals	Cover
0	/	/	/	/	/	None
1	0.5-1PSI	SPST-NC	Brass	1/8NPT	1/4 blade	Cover A
2	1.1-3PSI	SPST-NO	Plated steel	1/4NPT	#8-32screws	Cover B
3	3.1-7PSI	SPDT-NO-C-NC	Stainless steel	R1/8	Wire leads	/
4	8-13PSI	SPST-NO (NO Adjustable)	/	R1/4	/	/
5	14-24PSI	SPDT-NO-C-NC (NO Adjustable)	/	G1/8	/	/
6	25-50PSI	/	/	G1/4	/	/
7	51-90PSI	/	/	/	/	/
8	91-150PSI	/	/	/	/	/