

## LF20-H

The LF20-H is a high pressure/low set point pressure switch for applications that see sudden pressure spikes and high pressures which can result in early switch failures. This series has been strengthened to prevent cracking of the base with plated steel and screw machined components in a three piece design. Modifications to the effective area of the pressure cavity, size of the diaphragm button and diaphragm o-ring are what makes the switch capable of handling sudden pressure transients and high system pressures that are common in applications such as braking, transmission and hydraulic systems.

### LF20-H Pressure Switch: Benefits & Features

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



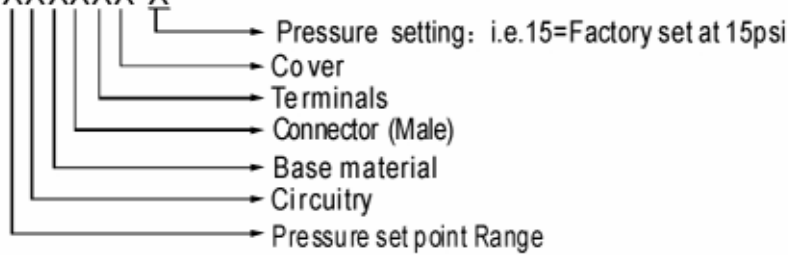
Model	LF20-H
Media	Air, motor oils, transmission oils, jet fuels and other similar hydrocarbon media; Water
Pressure Set Point	Factory set from 10 to 400 psi
Max Operating Pressure	500PSI
Proof Pressure	2000PSI
Burst Pressure	4000PSI
Operating Temperature Range	-40°C to 120°C
Switch Type	Direct action, blade contact
Electrical Rating	Resistive : 15AMP-6VDC 8AMP-12VDC 4AMP-24VDC Inductive: 1AMP-120VAC 0.5AMP-240VAC
Contact Arrangement	SPST-N.O., N.C., 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 is optional according to media)
Options	Base connector sizes, wire leads, N.O./N.O. dual circuit and N.C./N.C. dual circuit.

Conversion: 1kgf/cm<sup>2</sup>=14.2psi 1bar=14.5psi

LF 20-H Order Ref No:

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

LF20-H-XXXXXX-X



Number	Pressure set point Range	Circuitry	Base Material	Connector (Male)	Terminals	Cover
0	/	/	/	/	/	none
1	10-35 PSI	SPST-N.C.	Plated Steel	1/8NPT	1/4 blade	cover A
2	35-75 PSI	SPST-N.O.	Stainless Steel	1/4NPT	#8-32 screws	cover B
3	75-150 PSI	SPDT-N.O.-C-N.C.		R1/8	Metri-Pack	
4	150-250 PSI	SPST-NO (Adjustable)		R/4		
5	250-400 PSI	SPDT-N.O-C-N.C. (N.O. Adjustable)		G1/8		
6				G1/4		