

LF25

The LF25 pressure switch is used to control the pressure of applications with higher current capacity. It's widely used in steam cleaners, steam irons and other pressure control systems. It provides SPST or SPDT contact form and switch deadband (also referred to as mechanical differential or hysteresis). The LF25 utilizes high quality miniature snap action switches. The switch is a diaphragm operated. Diaphragm material can be selected for the operating medium, temperature range and other parameters. During the development of a specification, actuation points can be adjusted by the designer but once the switch enters production, a factory setting is required.

LF25 Pressure Switch: Benefits & Features

- Multiple diaphragm options makes it compatible with many mediums
- Externally mounted snap action switch has current capacity up to 25 amps
- Durable, high-performance switch popular for applications where hysteresis is required

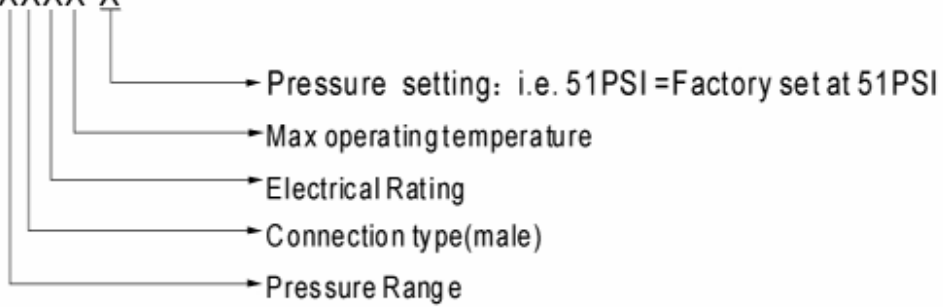


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|-----------------------------|--|-----------|------------|------------|---------------|---------------|
| Model | LF25 | | | | | |
| Media | Non hazardous gas, liquid or steam | | | | | |
| Operating Pressure | 3-8.5PSI | 7-21.5PSI | 17.5-36PSI | 21.5-58PSI | 43.5-101.5PSI | 72.5-130.5PSI |
| Proof Pressure | 44PSI | 58PSI | 73PSI | 87PSI | 116PSI | 145PSI |
| Differential | 3±1.5PSI | 3±1.5PSI | 3±1.5PSI | 3.5±2PSI | 4±2PSI | 5±2PSI |
| Operating Temperature Range | +125°C Maximum | | | | | |
| Contact Arrangement | SPST or SPDT | | | | | |
| Electrical Rating | SPST or SPDT/Normally Closed: 16(4)-250VAC Other ratings are available on request | | | | | |
| Terminals | 6.4 or 4.8mm male Q.C. Insulation cover is available if necessary | | | | | |
| Connection | 1/8NPT-27 or 1/4NPT-18 male Other connections are available | | | | | |

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

LF 25 Order Ref No:

LF25-XXXX-X



| Number | Pressure Range | Connection type (male) | Electrical Rating | Max operating temperature |
|--------|----------------|------------------------|------------------------------|---------------------------|
| 0 | / | / | / | / |
| 1 | 3-8.5 PSI | 1/8NPT | 15A,125-250VAC | 85°C(3-8.5PSI) |
| 2 | 7-21.5 PSI | G1/8 | 21A,125-250VAC | 125°C |
| 3 | 17.5-36 PSI | R1/8 | 5A, 125-250VAC (3-8.5PSI) | / |
| 4 | 21.5-58 PSI | 1/4NPT | / | / |
| 5 | 43.5-101.5 PSI | G1/4 | / | / |
| 6 | 72.5-130.5 PSI | R1/4 | / | / |