

## Features

- Delicate, small size and simple to operate
- Clear LCD digital display
- Multifunction, dual-channel independence
- Strong stability and long lifetime



## Description

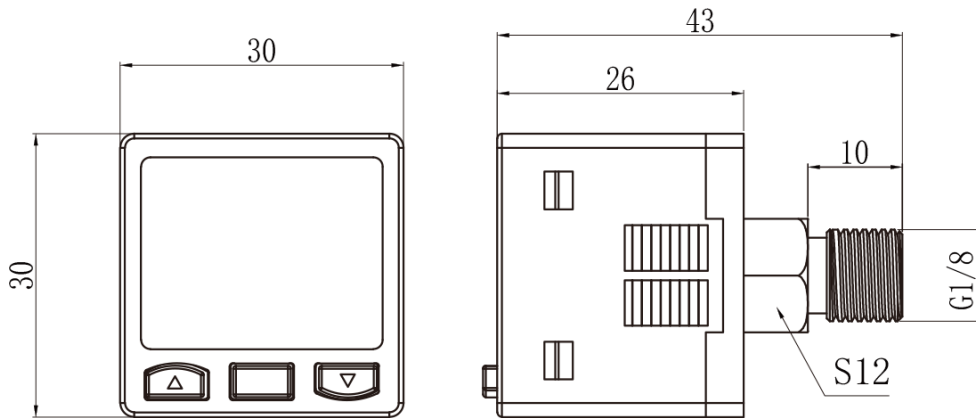
LFDS101/LFDS102 series adopt high reliability transmitter to measure pressure, and the signal is processed by back-end circuit and converted into standard industrial electrical signal for output and display. Full engineering plastic shell design, high contrast, dual screen LCD digital display, can be used in various industrial occasions. The 3-key design and user-friendly menu make the product more convenient to operate, and a variety of connection modes can fully meet various specific installation requirements. Many built-in setting items can be set by the user to adjust the working parameters, which is flexible and convenient.

This series of pressure switch has characteristics of anti-vibration, long lifetime, simple operation, clear display, etc. It can be used in a variety of industrial applications, such as industrial system to confirm the adsorption of electronic parts, to confirm the total pressure or to detect the air leakage. It can be used in the application of electronic parts adsorption confirmation, total pressure confirmation, air leakage monitoring and other applications in industrial systems.

## Specification

Pressure Type	Standard pressure	
Pressure Range	(-100~100kPa)	(-100~1000kPa)
Withstand Pressure	3 times	1.5 times
Media	Non-corrosive dry gas	
Rated Voltage	10~30VDC	
Current	<20mA (when no load)	
Switch Output	<NPN Output type>:NPN open collector transistor, max current 100Ma, Pressure drop<1.5V <PNP Output type>:PNP open collector transistor, max current 100Ma, Pressure drop<1.5V	
Output Setting	NO\NC	
Hysteresis	1-8 level (Default 3 level)	
Repeat Accuracy	±0.3%F.S	
Comprehensive Accuracy	±1%F.S	
Response Time	2.5\5\10\25\50\100\500\1000\5000ms	
Analog Voltage Output	1-5V±2% (Limit for voltage output type)	
Analog Current Output	4-20mA±2% (Limit for current output type)	
Storage Temp.	-10-60℃	
Operating Temp.	0-50℃	
Stability	<±0.5%F.S/year	
Enclosure	CN-14A-C2 (with connector cable, 2m)	

Dimension in: mm



Order Ref NO.

Code and Description		Notes
LFDS10		Model
	<b>Pressure Range</b>	-100~100Kpa/-100~1000kPa Measurement Range
	<b>S</b>	S: Standard type
	<b>A</b>	A: Current output type
	<b>V</b>	V: Voltage output type
	<b>R</b>	R: R1/8+M5 Internal thread screw
	<b>E</b>	E: G1/8+ M5 Internal thread screw
	<b>M</b>	M: M5 Internal thread screw
	<b>N</b>	N: NPN
	<b>P</b>	P: PNP
	<b>W</b>	W: Normal specification
	<b>X</b>	X: Special specification
	<b>J</b>	J: Customized specification
LFDS10	0-100	A R N W
		Model Selection Example