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# Liquid Differential Pressure Switch

## 0.2 ~ 1.0 Bar

### LP-LDPS-1

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#### Description:

The Liquid Differential Pressure Switch is ideal for monitoring and controlling various pumps, drives and valves. With a low range and switching differential, fine tolerances can be achieved for optimum response.

The LP-LDPS-1 is compatible with a wide range of media, including water, steam, oil and air.



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#### Technical Specification:

<b>Pressure Range:</b>	0.2 ~ 1.0 Bar
<b>Factory Setting:</b>	0.2 Bar
<b>Switch Differential:</b>	<0.2 Bar
<b>Max. Pressure:</b>	17.0 Bar
<b>VFC Output:</b>	SPDT - 12A @ 250V Max.
<b>Pressure Type:</b>	Differential
<b>Media Temp Range:</b>	-40 ~ 120°C
<b>Process Connections:</b>	2x G1/4" Female
<b>Operating Conditions:</b>	Temp: -40 ~ 65°C Humidity: 0 ~ 95% (NC)
<b>Approval:</b>	CE

#### Product Code:

<b>LP-LDPS-1</b>	Liquid DP Switch (0.2 ~ 1.0 Bar) c/w Mounting Bracket
<b>PL14</b>	LP-LDPS Fitting Kit (2x 1m Capillary Tube + 4x Adaptors)

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#### Installation:

The Pressure Setpoint is adjusted by turning the wheel underneath the low-pressure port. Do not try to adjust this beyond the limit detailed on the indicator.

Removing the screw in the bottom centre of the fascia allows the cover to be removed. This will provide access to the electrical connections, and the manual test level. Pressing the manual lever will operate the VFC for as long as it is maintained - this can only be operated if the switch is in the "OFF" state.

#### IMPORTANT:

- This product must be installed by a competent/qualified person in accordance with all relevant regulations and legislations.
- Ensure the High and Low Pressure ports are correct prior to pressurisation.
- Isolate the supply to the unit before removing the cover.
- This product is designed for indoor use with standard atmospheric conditions.