



Product Overview

The AX-LSPS-PS pressure switches are a cost effective pressure monitoring solution for liquids and non aggressive gases.

The compact design and rugged construction makes the AX-LSPS-PS suitable for monitoring pumps, chillers, valves etc. The unit has an adjustable setpoint with adjustable differential and comes complete with a dial to show the liquid pressure.

Features

- High rated SPDT contacts
- 1/4" BSP Male Pipe Connection
- Adjustable Setpoint and Differential
- Direct switching of 240Vac loads

Product Specifications

Range:	AX-LSPS-PS1	- .75 to 3 Bar
	AX-LSPS-PS2	-0.8 to 1.5 Bar
	AX-LSPS-PS3	-0.5 to 7 Bar
	AX-LSPS-PS4	1 to 20 Bar
Differential:	AX-LSPS-PS1	0.25 to 1.5 Bar
	AX-LSPS-PS2	0.2 to 1 Bar
	AX-LSPS-PS3	0.5 to 5 Bar
	AX-LSPS-PS4	1 to 7 Bar
Pressure Connection:		1/4" BSP Male
Electrical Connection:		Screw Terminals Suitable for 1.5mm ² Conductors max
Contact Rating:		24A @230Vac resistive (10A ind)
Protection:		IP44
Ambient Temperature:		-50°C to +70°C
Fluid Temperature:		-50°C to +170°C
Dimensions:		42 x 85 x 75 mm
Weight:		346gms

Order Codes

AX-LSPS-PS1	Liquid static Pressure switch -0.75 to 3 Bar
AX-LSPS-PS2	Liquid static Pressure switch -0.8 to 1.5 Bar
AX-LSPS-PS3	Liquid static Pressure switch -0.5 to 7Bar
AX-LSPS-PS4	Liquid static Pressure switch 1 to 20 Bar

Installation

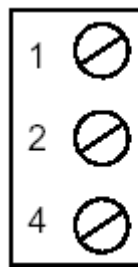
The AX-LSPS-PS should be installed by a suitably qualified technician in accordance with prevailing regulations and experienced in installation with hazardous voltages.

- 1/ Ensure that all power is switched off and disconnected before carrying out any work on the switch.
 - 2/ Mount the switch Vertically using the screws supplied (or a M0.7 x 8 screw -depth 5mm or less). If mounted in any other plane the accuracy may well be affected.
 - 3/ Connect pipework using a 1/4" BSP male connector .
- Set the switching point and differential by adjusting the screws on top of the switch.

Factory Settings

AX-LSPS-PS1	OFF - 0.5 Bar ON - 1 Bar
AX-LSPS-PS3	OFF - 3.5 Bar ON - 4.5 Bar
AX-LSPS-PS4	OFF - 10 Bar ON - 8 Bar

Connections



- 1 Common
- 2 Rising pressure
- 4 Falling pressure

Dimensions (not to scale)

