

DIFFERENTIAL PRESSURE SWITCH



DPI

The PS is a robust, easy-to-use differential pressure switch for air and non-combustible gases.

USAGE

The pressure switches are used in ventilation and air-conditioning systems to monitor changes in overpressure, vacuum and differential pressure.

APPLICATIONS

- monitoring filters and fans
- monitoring vacuum and overpressure in air ducts
- controlling defrosting functions

TECHNICAL DETAILS

Accuracy of switching point (low limit typ.):	±5 Pa (PS1500: ±10 Pa, PS4500: ±50 Pa)
Service life:	over 1 000 000 switching operations
Electrical rating (resistive load):	3 A / 250 VAC (PS200: 0.1 A / 250 VAC)
Electrical rating (inductive load):	2 A / 250 VAC (PS200: --)
Operating temperature:	-20...+60 °C
Protection standard:	IP54

Product	Measuring range
PS200	20...200 Pa
PS300	30...300 Pa
PS500	30...500 Pa
PS600	40...600 Pa
PS1500	100...1500 Pa
PS4500	500...4500 Pa

