

Control & Sensing Products for HVAC-R

Differential Pressure Controllers

DPS Series

Differential Pressure Controller



DPS Series differential pressure switches are used to detect the pollution of air filters in heating, cooling, ventilation systems and to detect whether the fans are running or the belt is broken. DPS series differential pressure switches consist of 4 models with 4 different pressure ranges. Thanks to this diversity, it can be used in all kinds of dry clean and non-aggressive gases (usually for air), air conditioning and clean room applications, monitoring fans, fans and filters, clean control and overpressure monitoring in laboratories.

- ❖ Stylish Design
- ❖ Proportional Fan Control
- ❖ Easy To Use
- ❖ Compact Design
- ❖ Easy Mechanical Assembly
- ❖ Filter dirty check.
- ❖ Belt break check.
- ❖ Different setting ranges.
- ❖ 1.5 Amps, SPDT contact

Technical Propery:

Electrical Data	Pressure Connections	2 pieces of M6 plastic hoses
	Current Capacity	1,5 A / AC250V
	Maximum Working Pressure	10 kPa
	Switching Pressure	DPS.02 10 Pa DPS.05 20 Pa DPS.10 100 Pa DPS.25 150 Pa
	Tolerance	±15%
	Connection	SPDT Contact
Environmental Data	Operating/Storage Temperature	-20 ... +80°C / -20 ... +80°C (No Condensation)
	Ambient Humidity	0...100 % r. H (No Condensation)
	Height	Max 2000 m
Material Data	Dimensions	L85xW85xH55 mm
	Weight	115 gr
Security Data	Protective Structure	IP 56
	Certification EN	EN 60529

Order Code:

DPS.02	20 Pa – 200 Pa
DPS.05	50 Pa – 500 Pa
DPS.10	200 Pa – 1000 Pa
DPS.25	500 Pa – 2500 Pa