

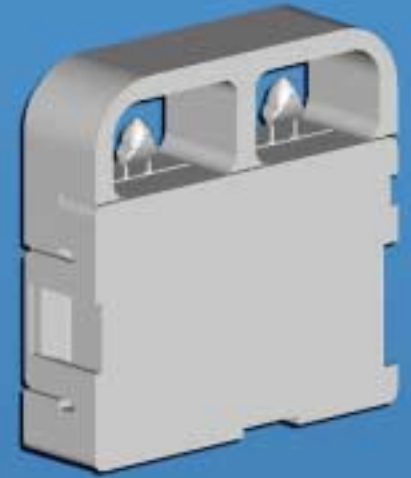
Sensor

D6A-N - Cloggness Detector

CONCEPT

This sensor which detects the stain indicates degrees of a filter by monitoring the velocity of the air which passes the filter.

The principle of detecting an air velocity is that the rate in which an object is cooled by the air is different from the velocity of the air when the heated object is exposed to the air in a box. The detection device for heating realized a low price by using a NTC thermistor.



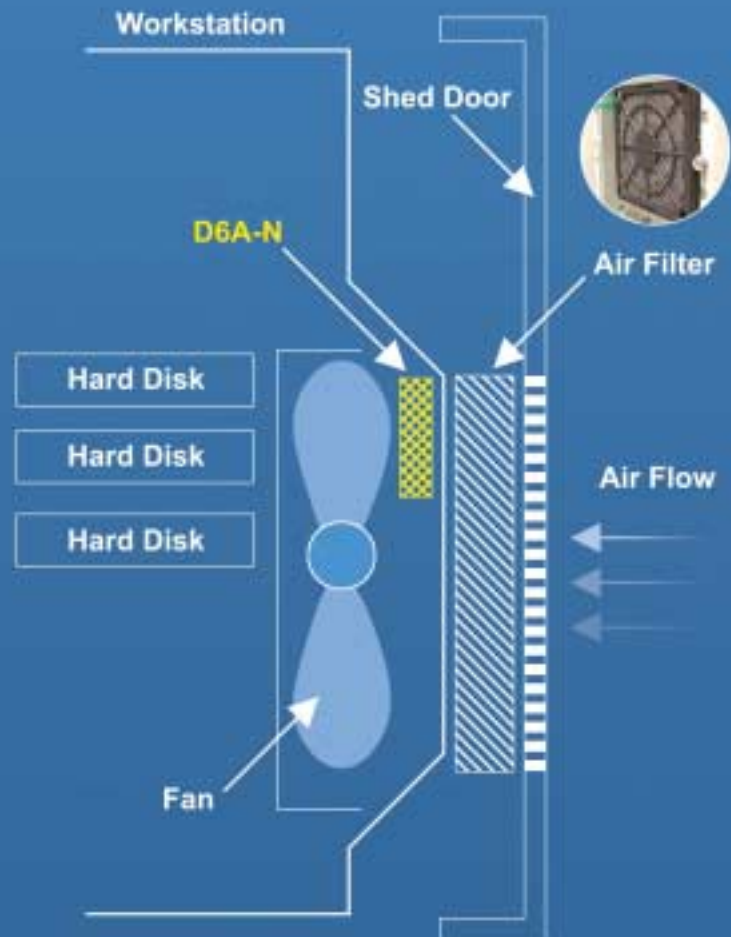
FEATURES

- Micro Air-Flow Detection from 0 to 1.5m/sec by using self-heating thermistor
- Cloggness Detection is achieved by measuring the Output Difference from Initial Value
- 0 to 5 VDC Analog Output.
More Reliable than Time Addition method

APPLICATION

- Sensing Filter Choke

Server, Workstation & Telephone Systems



OMRON

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