DYZE DESIGN
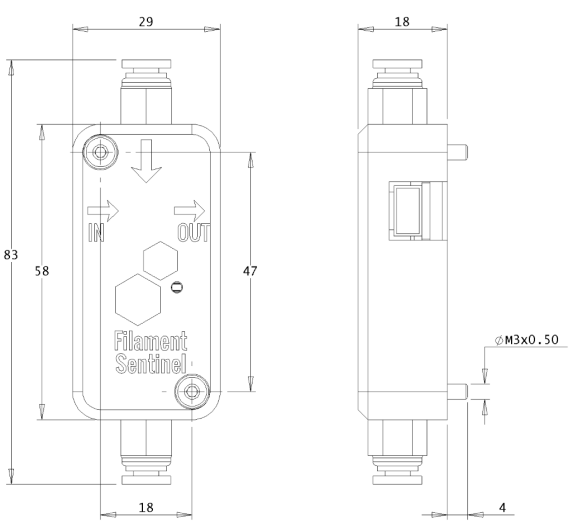
Filament Sentinel

3D Printer filament sensor

Features

- Works with any type of filament
- Clean your filament
- Daisy-Chaining for multi-filament set-up
- 1.75mm and 2.85mm compatible
- Small, compact and lightweight design

Technical information

Parameter	Value	Units
Supply Voltage	5	V
Current Draw	31	mA
Operating temperature	0 to +70	°C
Fitting Thread	M8x1.25	mm
Logic Voltage	3.3	V
Filament Presence	High	Logic

Features

1.75mm or 2.85mm

The Filament Sentinel is available for either 1.75mm diameter or for 2.85mm diameter filaments.

Any material

It works with all available materials; flexible, clear, opaque, filled, etc.

Daisy-Chaining

The Filament Sentinel can handle as many filaments simultaneously. As soon as one of them will be missing, the Sentinel will send a message to the next one, up to your main board.

Clean Filament

A dust-proof foam ensures there are no intruders getting inside your extrusion system.

Pause Prints

The Filament Sentinel is well integrated within firmware and a pause routine is engaged once there are no more filaments in your printer.

Easy Setup

Follow our well-guided support section and learn how easy it is to install your Sentinel.

2 Screws Mounting

Two screws are provided so you can install it where you want.