

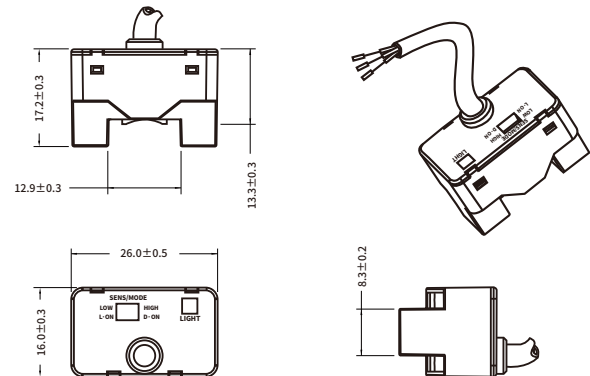
General Specification

Photoelectric Sensor

NO: PTS-9001



Dimensions (mm)



Product characteristics

- **Advanced infrared optical sensing technology**
Accurate, contactless detection with consistent switching performance.
- **Fast response time with high repeatability**
Supports real-time door status monitoring and safety control logic.
- **High durability**
No mechanical components subject to wear, ensuring extended service life.
- **Compact and integration-friendly design**
Optimized for space-constrained equipment architectures.
- **Stable performance under frequent cycling**
Suitable for high-usage office automation and industrial printing environments.
- **Low power consumption and efficient signal output**
Designed for modern embedded control systems.
- **Custom engineering support**
Configurable sensing distance, housing design, connectors, and cable assemblies available upon request.

Applications

- To detect milk flow into and out of the milk bar of the coffee machine

Product performance characteristics

Characteristics	Parameter		Rating
Electrical Characteristics	Power supply voltage		12 to 24 VDC+/-10% ripple (p-p) 5 % max.
	Control output	output type	Open Drain output
		Load power supply voltage	5 to 24 V DC
		Load current	100 mA max.
		Residual voltage	at 100 mA load current: 0.8 V max. at 40 mA load current: 0.4 V max.
	Current consumption		Average value: 30 mA max. Peak: 80 mA max.
	Indication		Light indicator
	Operation mode		Dark-ON/Light-ON (selectable)

Please contact sales@xintec.hk for latest product details