

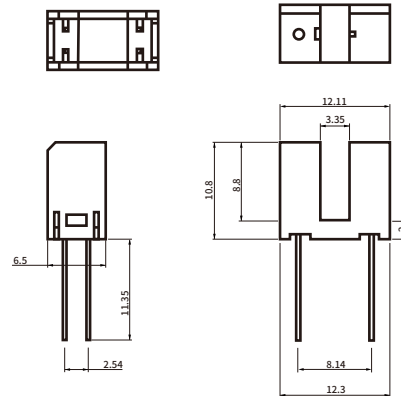
General Specification

Photo Interrupter

NO: PTS-1052



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, maintenance-free operation**
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

- **Food & Beverage Equipment**
Door open/close detection for commercial refrigeration, display cabinets, and processing equipment to ensure safety and temperature control compliance.
- **ATM**

Product performance characteristics

Parameter		Symbol	Ratings	Units
Input	Forward DC Current	IF	50	mA
	Reverse DC Voltage	VR	5	V
	Collector Power Dissipation	PD	75	mW
Output	Collector-Emitter	VCEO	30	V
	Emitter-Collector Voltage	VCEO	5	V
	Collector Current	IC	20	mA
	Collector Power Dissipation	PC	100	mW

Please contact sales@xintec.hk for latest product details