

CE TÜV



# LASK-P1X-Series

- Leak Detection
- PNP, open collector
- NPN, open collector
- Sensitive

# LASK-P1X Series

## Model

LASK-P10-P  
(NPN, open collector)

LASK-P11-P  
(PNP, open collector)

## Input Power Source

DC 12 ~ 24V  
Below 5W

## Current Consumption

80mA max.

## Target Liquid

Oil, Benzene, etc

## Size(WxHxD)

35x17x26

## Weight

20g

## Operating Temperature Range

-5 ~ 40°C

## Storage Temperature Range

-20 ~ 75°C




## Material

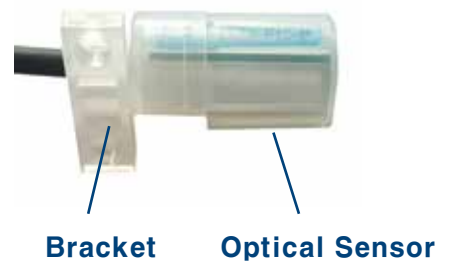
Body-PP

Bracke-PP,Cable-PFA

### ▶ LASK-P1X-Series

Cable  
(+V,GND,TX)

+V	
GND	
TX	



### ▶ LED Output

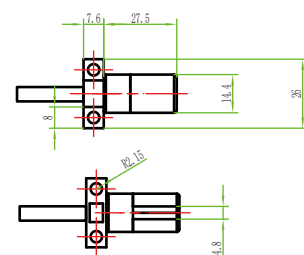
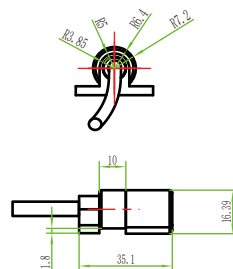


-Green LED  
(Power on)



-Red LED  
(Leak detection)

### ▶ EXTERNAL DIMENSIONS



\* The above specifications can be changed by the manufacturer without notice to improve the reliability of the product.

## ▶ Characteristic

The LASK-P1X-Series is an optical response sensor  
It is simple to install and easy to detect various solutions.  
Using the difference between surface tension of conductive material  
and surface tension of non-conductive material  
More reliable detection by reflecting the structural design

## ▶ Check list

- ① Make sure to check the wiring diagram before installation.
- ② Check the normal operation. (Normal status GREEN LED illuminated)
- ③ After installation, conduct a detection test to check if the leak LED turns red.
- ④ Check the output signal.
  - If the sensor is not functioning, it may be caused by a cable opening or a poor board. Check it out.

## ▶ How to

- ① Install the sensor close to the leakage outlet.
- ② Clean the sensor before installing it.  
(Foreign objects may be a source of sensor malfunction.)
- ③ Make sure that the bottom part of  
the sensor faces the floor and install it firmly.

## ▶ Leak detection

- ① Remove all fluids from the sensor and all solutions in the installation location (floor),  
and then reinstall Please give it to me.

## ▶ Precautions

- ① If the base of a sensor is a material that distributes and refracts light like glass,  
the optical unit Attach the sticker to the floor of the sensor fixing area to affect  
the light emitted, and then attach the sticker over the stickerSecure the sensor.
- ② Do not damage or damage the sensor or cable.
- ③ Check the sensor status and surrounding environment regularly.
- ④ Install the sensor so that the cable does not come into contact with the leakage solution.  
Be careful not to damage the solution if it comes into con tact with the cable.
- ⑤ Install the installation site in a location that has no electrical contact.
- ⑥ Install the sensor with its lower part facing the floor.
- ⑦ Turn off the power before cleaning or cleaning the sensor.
- ⑧ Check the preceding SPECIFICATION and still check  
the voltage before supplying the source.
- ⑨ Contact the company in case of failure or damage.



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