



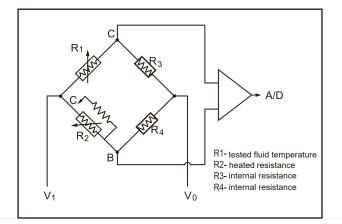
## **Flow Sensors**

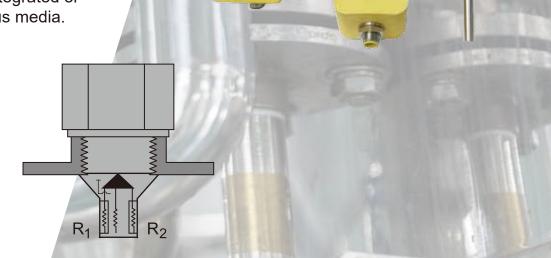
创新驱动智造,用心服务客户 SENSING YOUR MIND! Thermal Flow Sensor

Flow speed or flow rate monitoring of liquid and gaseous media plays an important role in the field of factory and process automation. There are multiple application possibilities for flow sensors but they mainly fulfill monitoring tasks in cooling circuits, exhaust ducts and air-conditioning systems.

In order to detect, display and signal critical changes of flow rates or flow speed to the control system, electronic flow sensors are increasingly applied. The detection of flow speed does not require exact and costly measuring but rather a reliable monitoring of limit values. Flow sensors thus have to provide a high degree of reprod -ucibility. They detect not only limit value of flow speeds but also the flow drift, meaning the increase or decrease of flow speed. The output signal can either be analog or binary, depending on whether continuous measurement is required or the monitoring of a limit value.

Sentinel offers a wide range of sensors with integrated or downstream electronics – for liquids or gaseous media.









#### Features

- Calorimetric principle
- Flow Monitoring for liquid media
- Temperature Monitoring
- G1/2" and M18 thread, support customer customization
- M12x1 connector or cable connection



- Automobile manufacturing
- Metal processing
- Metallurgy industry
- monitoring tasks in cooling circuits
- monitoring hydraulic system
- air-conditioning systems
- exhaust ducts





### PLSN Flow Sensor

# Compact and programmable Thermal flow sensor



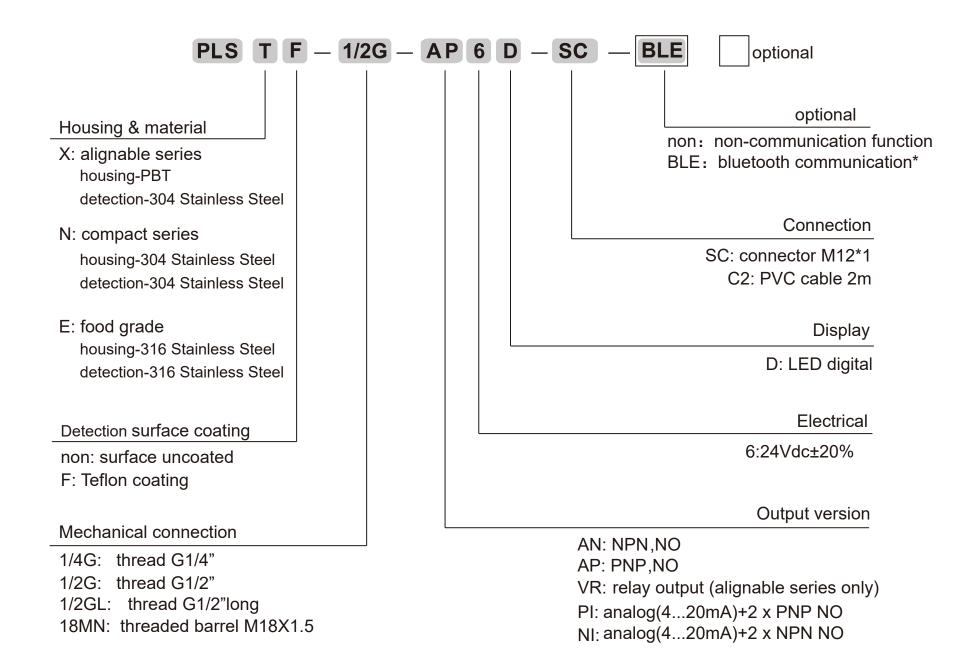
# **Bluetooth**



Set parameters by phone via Bluetooth

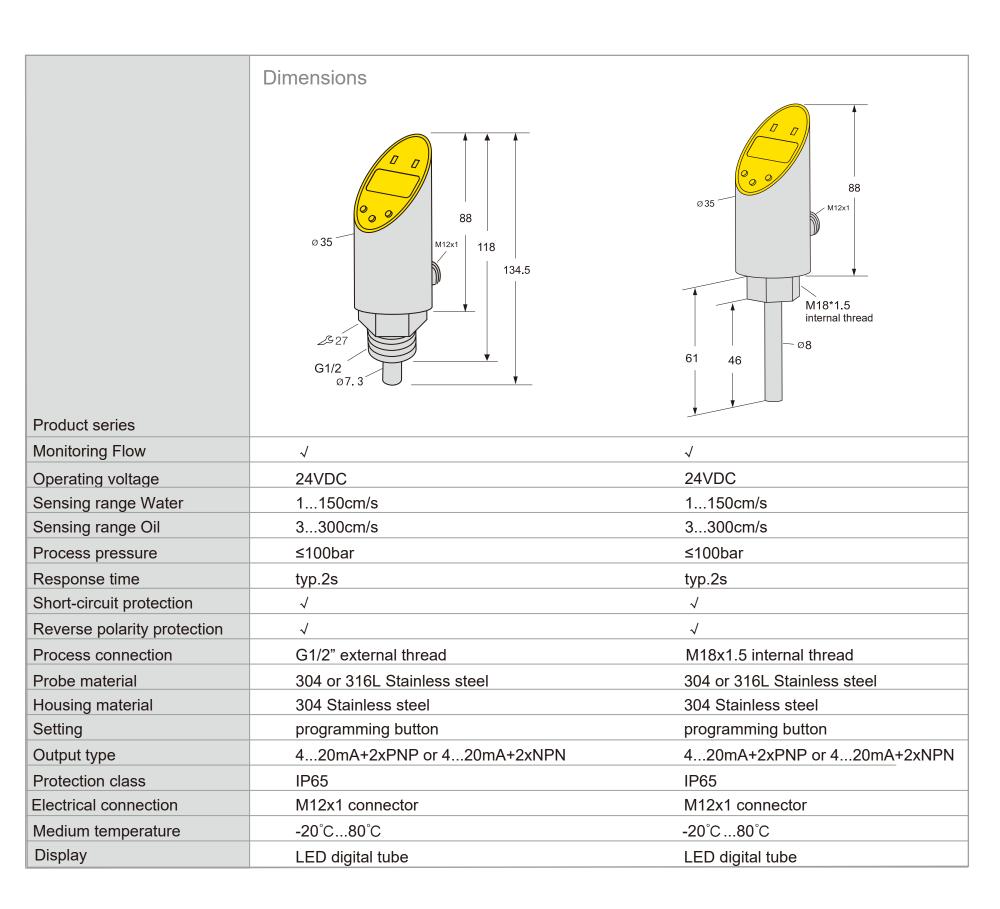
Independently developed APP

#### Selection Guide



note: 1. Stainless steel housing sensor have temperature switch function

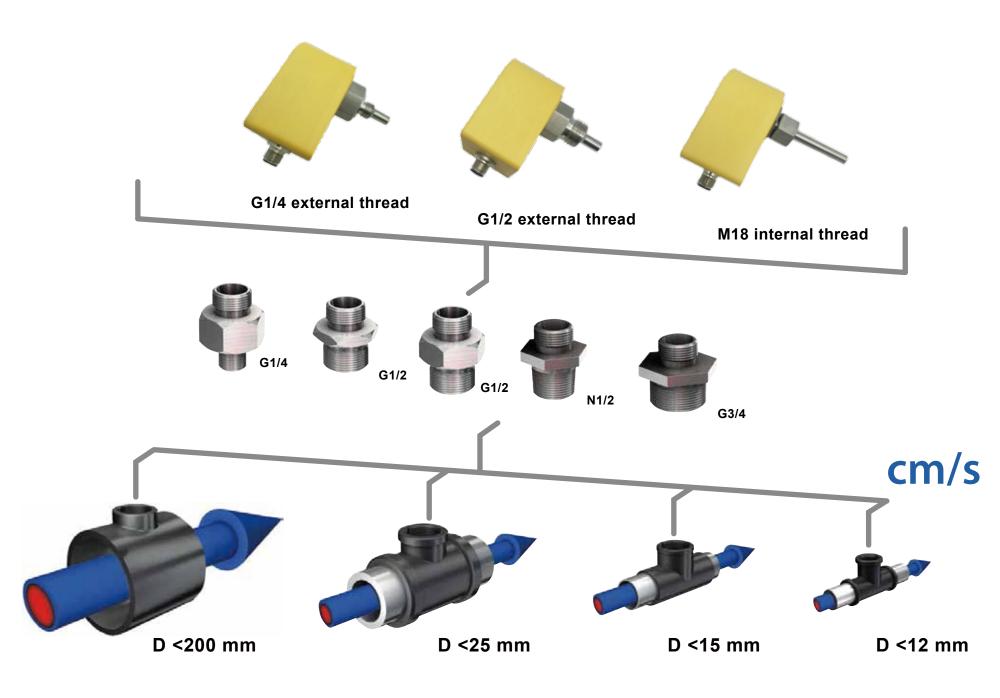
<sup>\*2.</sup> The bluetooth mode is only applicable to compact products



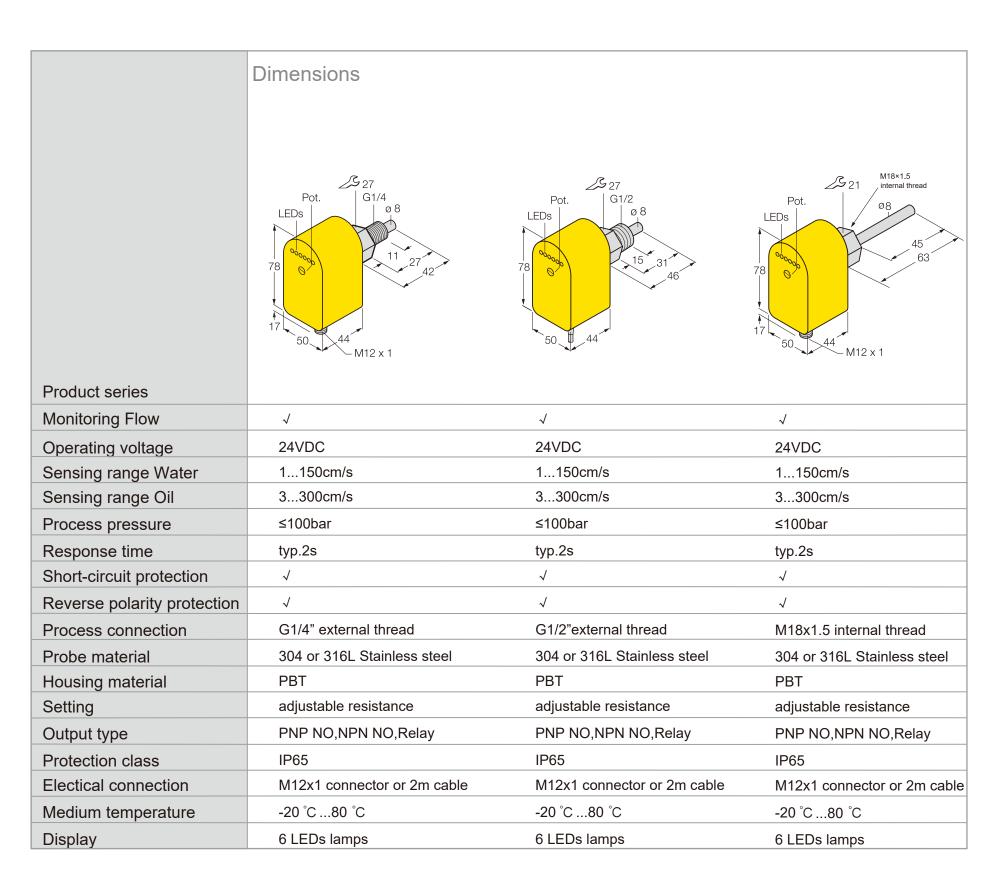
## **PLSX Flow Sensors**

Immersion sensor with integrated processor









### TIANJIN SENTINEL ELECTRONICS CO.,LTD.

Tel: 86-22-85689572 83726973

Fax: 86-22-85689517

E-mail: info@sentinel-china.com

For more details, please visit

www.sentinel-china.com Q

SENSING YOUR MIND!