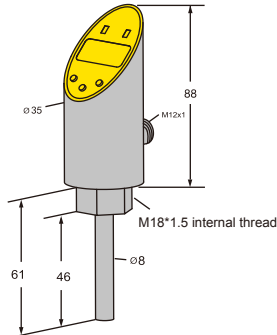


# Programmable flow sensor with temperature monitoring

PLSN-18MN-AI6D-SC



M18 Internal thread:



- Flow and Temperature alarm
- Calorimetric principle
- Flow sensor for water
- M18 x 1.5 internal thread
- 4...20mA + 2 x PNP
- Electrical connection ,M12 x 1
- Programmable by 3 buttons
- Digital display can be mirrored
- The housing of the sensor is freely rotatable 360°

## Technical parameter

### Electrical parameter

Mounting conditions	insertion style sensor
Application	liquid
Operating range	water 1 ... 150cm/s
Operating voltage	24V±20%
Rated operational current	≤ 400mA
Current consumption	≤ 60mA
Output function	4...20mA + 2 x PNP
Switch on/off time	1~15s
Liquid monitoring temperature	≤ 60°C
Short-circuit protection	yes
Reverse polarity protection	yes
Display	LED ditital display
Protection classification	IP65

### Mechanical parameter

Housing material	stainless steel(S304)
Sensor material	stainless steel(S304)
Thread connection	M18 x 1.5 internal thread
Pressure resistance	100bar
Thread torque	30Nm
Connection	5 pin M12x1 connector

## Wiring diagram

