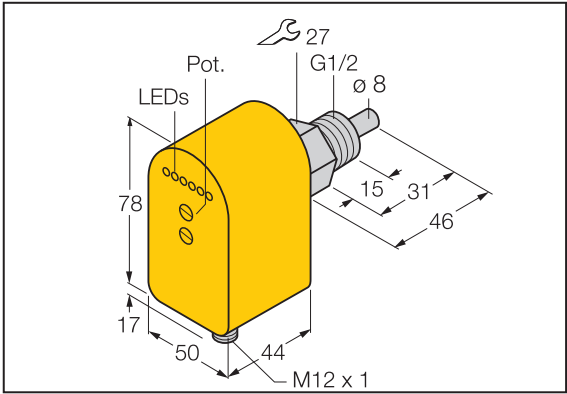


# Flow sensor

## PLSX-1/2G-AP6D-SC



Type PLSX-1/2G-AP6D-SC  
Ident No. 80102014

- Calorimetric principle
- Flow sensor for liquid media
- G1/2" external thread
- 3-wire DC, PNP NO output
- Adjustment via potentiometer
- Flange connector, M12 x 1

### Technical parameter

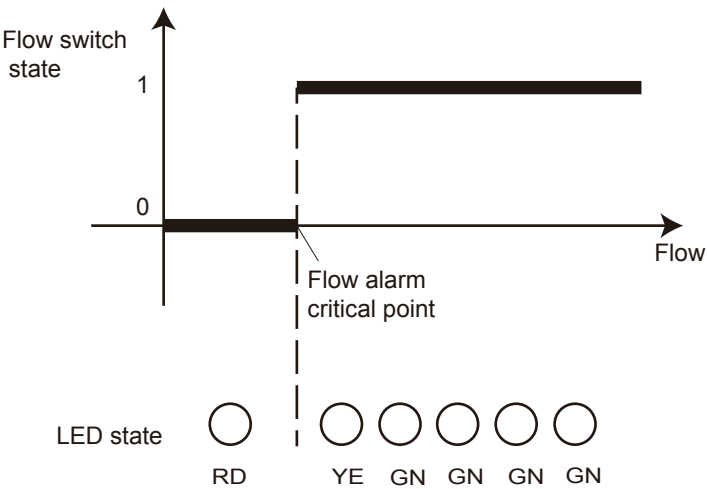
#### Electrical parameter

|                              |                                      |
|------------------------------|--------------------------------------|
| Mounting conditions          | insertion style sensor               |
| Application                  | liquid                               |
| Operating range              | water 1...150cm/s<br>Oil 3...300cm/s |
| Operating voltage            | 24V±20%                              |
| Rated operational current    | ≤ 400mA                              |
| Current consumption          | ≤ 60mA                               |
| Output function              | PNP, NO contact                      |
| Sand-by times                | < 8s                                 |
| Switch on/off time           | < 2s                                 |
| Response time                | max.12s                              |
| Maximum temperature gradient | 250K/min                             |
| Liquid medium temperature    | -20 to 80°C                          |
| Short-circuit protection     | yes                                  |
| Reverse polarity protection  | yes                                  |
| Display                      | 3-color LED chain                    |
| Protection classification    | IP67                                 |

#### Mechanical parameter

|                                   |                       |
|-----------------------------------|-----------------------|
| Plastic housing                   | PBT, yellow           |
| Sensor material                   | stainless steel(S304) |
| Thread connection                 | external thread G1/2" |
| Pressure resistance               | 100bar                |
| Max.tightening torque housing nut | 30Nm                  |
| Connection                        | 4pin M12x1 connector  |

### Switch state



### Wiring diagram

