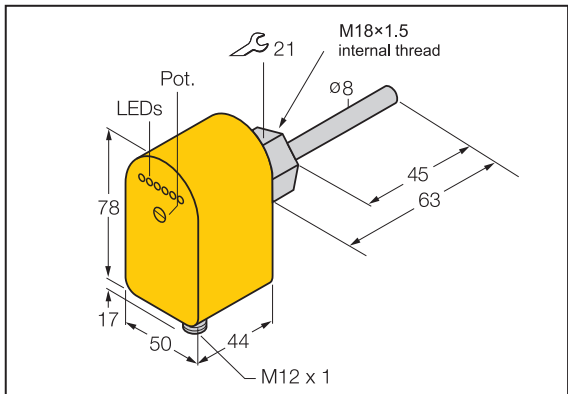


Flow sensor

PLSX-18MN-AP6D-SC



Type PLSX-18MN-AP6D-SC
Ident No. 80104014

- Calorimetric principle
- Flow sensor for liquid media
- Internal thread M18 x 1.5 for adapter
- 3-wire DC, PNP NO output
- Adjustment via potentiometer
- Flange connector, M12 x 1

Technical parameter

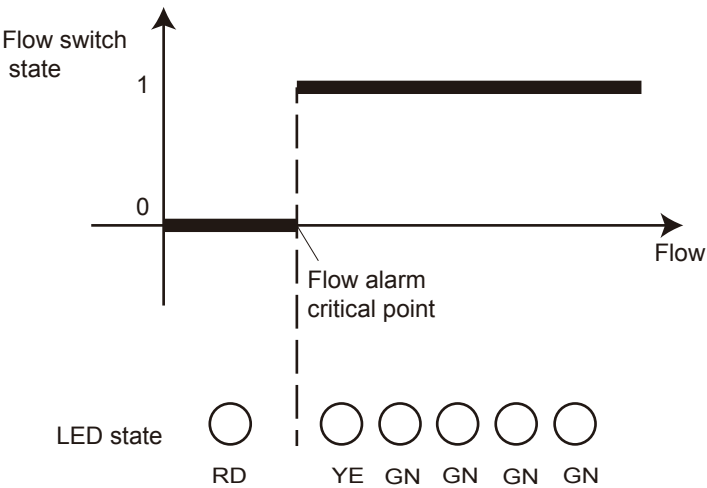
Electrical parameter

Mounting conditions	insertion style sensor
Application	liquid
Operating range	water 1...150cm/s 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	internal thread M18 x 1.5
Pressure resistance	100bar
Max.tightening torque housing nut	30Nm
Connection	4pin M12x1 connector

Switch state



Wiring diagram

