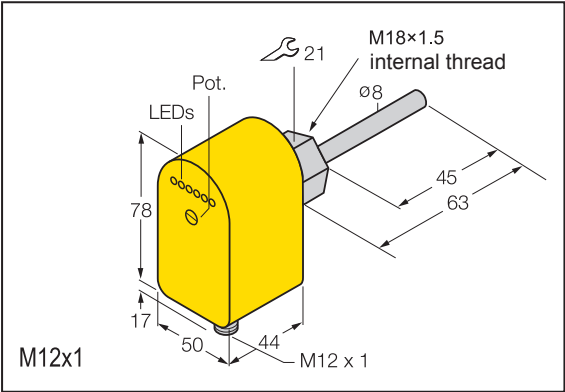


Flow sensor

PLSX-18MN-VR6D-SC

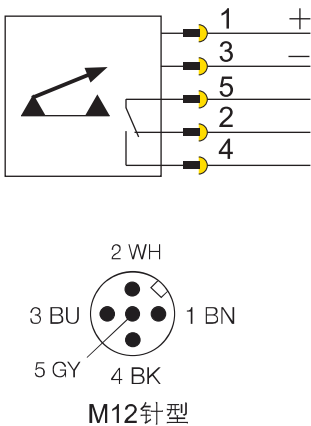


Technical parameter

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	4 A
Current consumption	≤ 80mA
Output function	relay output,complementary
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

Wiring diagram



Type PLSX-18MN-VR6D-SC
Ident No. 80104034

- Calorimetric principle
- Flow sensor for liquid media
- Internal thread M18 x 1.5 for adapter
- Relay switching output
- Adjustment via potentiometer

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	4-pin,M12x1 connector
Cable quality	PVC , 2m
Cable cross section	5 x 0.25 mm ²

Switch state

