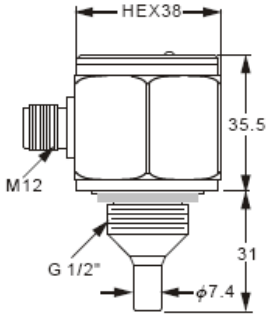
THERMAL DISPERSION TYPE FLOW SWITCH

Order No. SP150-1/SP150-2

Standard

1. Measuring Range(Speed): water:1~150 cm/s
   Oil:3~300 cm/s
2. Ambient temp.: -25~80°C
3. Liquid temperature: -25~80°C
4. Alarm output: NPN/PNP(≤400mA)
5. Operating pressure:100 bar (max.)
6. LED indicator:
   Velocity under set point:
   Red LED lights up, output
   is open -circuited
   Velocity equal to set point:
   Yellow LED lights up, output
   is close-circuited
   Velocity over set point:
   4 green LED show velocity, output
   is close-circuited
7. Housing: SUS304/316L
8. Protection Rating: IP67
9. warm-up time: approx. 10 second
10. Connection: G1/2, G1/4, NPT1/2
11. Supply voltage: 19~30Vdc
12. Power Consumption : 50mA (max.)

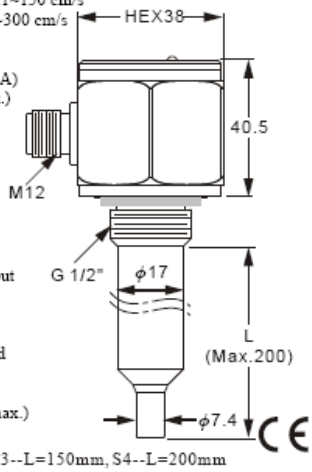


CE

Order No. SP150-1/2-S1~S4

Extension

1. Measuring Range(Speed): water:1~150 cm/s
   Oil:3~300 cm/s
2. Ambient temp.: -25~80°C
3. Liquid temperature: -25~80°C
4. Alarm output: NPN/PNP(≤400mA)
5. Operating pressure:100 bar (max.)
6. LED indicator:
   Velocity under set point:
   Red LED lights up, output
   is open -circuited
   Velocity equal to set point:
   Yellow LED lights up, output
   is close-circuited
   Velocity over set point:
   4 green LED show velocity, output
   is close-circuited
7. Housing: SUS304/316L
8. Protection Rating: IP67
9. warm-up time: approx. 10 second
10. Connection: G1/2
11. Supply voltage: 19~30Vdc
12. Power Consumption : 50mA (max.)



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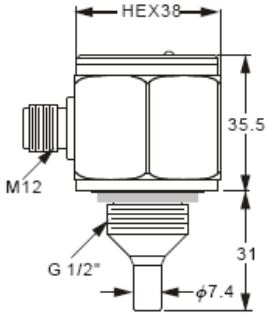
Standard length:
S1--L=50mm, S2--L=100mm, S3--L=150mm, S4--L=200mm

Order No. SP150-3/150-4

Corrosion-proof

1. Measuring Range(Speed): water:1~70 cm/s
   Oil:2~100 cm/s
2. Ambient temp.: -25~80°C
3. Liquid temperature: -25~80°C
4. Alarm output: NPN/PNP(≤400mA)
5. Operating pressure:5 bar (max.)
6. LED indicator:
   Velocity under set point:
   Red LED lights up, output
   is open -circuited
   Velocity equal to set point:
   Yellow LED lights up, output
   is close-circuited
   Velocity over set point:
   4 green LED show velocity, output
   is close-circuited
7. Housing: PVDF/PTEF
8. Protection Rating: IP67
9. warm-up time: approx. 15 second
10. Connection: G1/2
11. Supply voltage: 19~30Vdc
12. Power Consumption : 50mA (max.)



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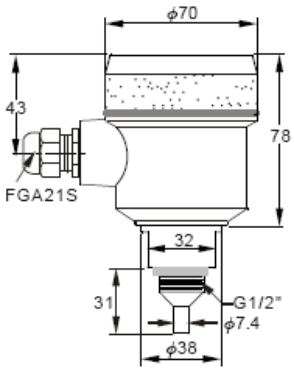
Order No. SP150-□-□□-R

Relay Output

1. Measuring Range(Speed): water:1~150 cm/s
   Oil:3~300 cm/s
2. Ambient temp.: -25~80°C
3. Liquid temperature: -25~80°C
4. Alarm output: 3A/250Vac
5. Operating pressure:100 bar (max.)
6. LED indicator:
   Velocity under set point:
   Red LED lights up, output
   is open -circuited
   Velocity equal to set point:
   Yellow LED lights up, output
   is close-circuited
   Velocity over set point:
   4 green LED show velocity, output
   is close-circuited
7. Housing: SUS304/316L
8. Protection Rating: IP67
9. warm-up time: approx. 10 second
10. Connection: G1/2, G1/4, NPT1/2
11. Supply voltage: 19~30Vdc
12. Power Consumption : 50mA (max.)

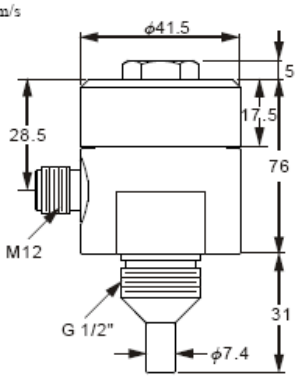


CE

Order No. SP170-1/SP170-2

Explosion-proof

1. Measuring Range(Speed): water:1~150 cm/s
   Oil:3~300 cm/s
2. Ambient temp.: -25~80°C
3. Liquid temperature: -25~80°C
4. Alarm output: NPN/PNP(≤400mA)
5. Operating pressure:100 bar (max.)
6. LED indicator:
   Velocity under set point:
   Red LED lights up, output
   is open -circuited
   Velocity equal to set point:
   Yellow LED lights up, output
   is close-circuited
   Velocity over set point:
   4 green LED show velocity, output
   is close-circuited
7. Housing: SUS304/316L
8. Protection Rating: IP67
9. warm-up time: approx. 10 second
10. Connection: G1/2, G1/4, NPT1/2
11. Supply voltage: 19~30Vdc
12. Power Consumption : 50mA (max.)



Ex Pending

Order Information

SP150- □ - □□ - □ - □□□□

Material

1: SUS304
2: SUS316L
3: PVDF
4: PTFE
5: Special

Screw and length

1V: G1/4, 25mm L	S2: G1/2, 100mm L
2V: G1/2, 30mm L	S3: G1/2, 150mm L
2U: NPT1/2, 40mm L	S4: G1/2, 200mm L
2E: G1/2, 30mm L	SS: Special
S1: G1/2, 50mm L	

Output

N: NPN P: PNP R: Relay

Length(unit:mm)

FineTek