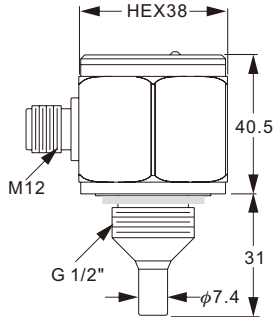
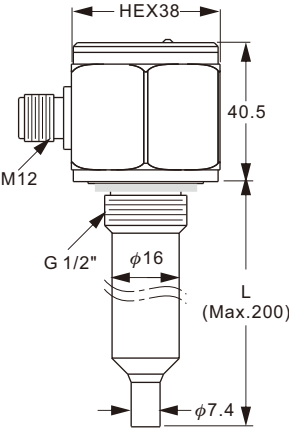
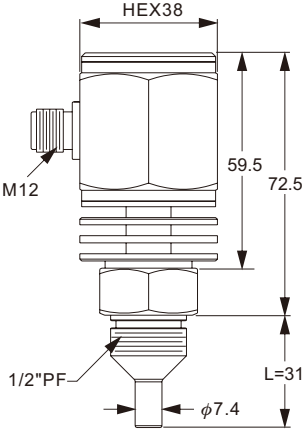


PRODUCT SPECIFICATIONS

Drawings	  		
Model	SP200 Compact model	SP201 Extension model	SP202 High temp. model
Measuring range	Water: 1~150 cm/s Oil: 3~300 cm/s	Water: 1~150 cm/s Oil: 3~300 cm/s	Water: 1~150 cm/s Oil: 3~300 cm/s
Switching point	Flow velocity ≤ 50 cm/s @ 25°C, Water		
Ambient temp.	-20 ~ 80°C	-20 ~ 80°C	-20 ~ 80°C
Process temp.	-20 ~ 80°C	-20 ~ 80°C	-20 ~ 120°C
Alarm output	Open Collector : NPN / PNP (<400mA) Relay : 1A/30Vdc, 0.3A/125Vac (NO or NC)		
Operating pressure	100 bar (max.)	100 bar (max.)	100 bar (max.)
Led indication	Flow velocity below set point- Red LED on, Open Flow velocity equals set point- Yellow LED on, Close Flow velocity above set point- 4 Green LED to indicate flow speed, Close		
Housing	SUS304 / 316 / 316L		
Wetted part	SUS304 / 316 / 316L		
Protection level	IP67		
Warm-up time	Approx. 15 Sec	Approx. 15 Sec	Approx. 15 Sec
Connection thread	G1/2, G1/4, NPT1/2	G1/2, NPT1/2	G1/2, G1/4, NPT1/2
Operating voltage	19 ~ 30Vdc		
Power consumption	50mA (max.)		
Electric connection	M12-4Pin Connector		
Accessory	Gasket		

Drawings	
Model	SP220 Economy model
Measuring range	Water: 1~150 cm/s Oil: 3~300 cm/s
Switching point	Flow velocity ≤ 50 cm/s @ 25°C, Water
Ambient temp.	-20 ~ 80°C
Process temp.	-20 ~ 80°C
Alarm output	Open Collector : NPN / PNP (<400mA) Relay : 1A/30Vdc, 0.3A/125Vac (NO or NC)
Operating pressure	100 bar (max.)
Led indication	Flow velocity below set point- Red LED on, Open Flow velocity equals set point- Yellow LED on, Close Flow velocity above set point- 4 Green LED to indicate flow speed, Close
Housing	PC
Wetted part	SUS304 / 316 / 316L
Protection level	IP65
Warm-up time	Approx. 15 Sec
Connection thread	G1/2, NPT1/2
Operating voltage	19 ~ 30Vdc
Power consumption	50mA (max.)
Electric connection	M12-4Pin Connector
Accessory	Gasket, 2m Cable
Footnote	Sensitivity and Alarm setting not available.

Drawings			
Model	SP210 Stainless steel model	SP170-(1/2) Explosion proof model	SP171-(1/2) Explosion-proof extension model
Measuring range	Water: 1~150 cm/s Oil: 3~300 cm/s		
Switching point	Flow velocity≤50cm/s @25°C,Water		
Ambient temp.	-20 ~ 80°C	-20 ~ 60°C	
Process temp.	-20 ~ 80°C		
Alarm output	Relay: 5A/250Vac	Relay: 3A/250Vac	
Operating pressure	100 bar (max.)		
Led indication	Flow velocity below set point- Red LED on, Open Flow velocity equals set point- Yellow LED on, Close Flow velocity above set point- 4 Green LED to indicate flow speed, Close		
Housing	SUS304		
Wetted part	SUS304 / 316 / 316L		
Protection level	IP67		
Warm-up time	Approx.15 Sec		
Connection thread	G1/2, NPT1/2		
Operating voltage	19 ~ 30Vdc		
Power consumption	60mA (max.)		
Electric connection	5-wire Relay Output Power- red Grounding- black COM- white NC- yellow NO- blue		
Accessory	Gasket		