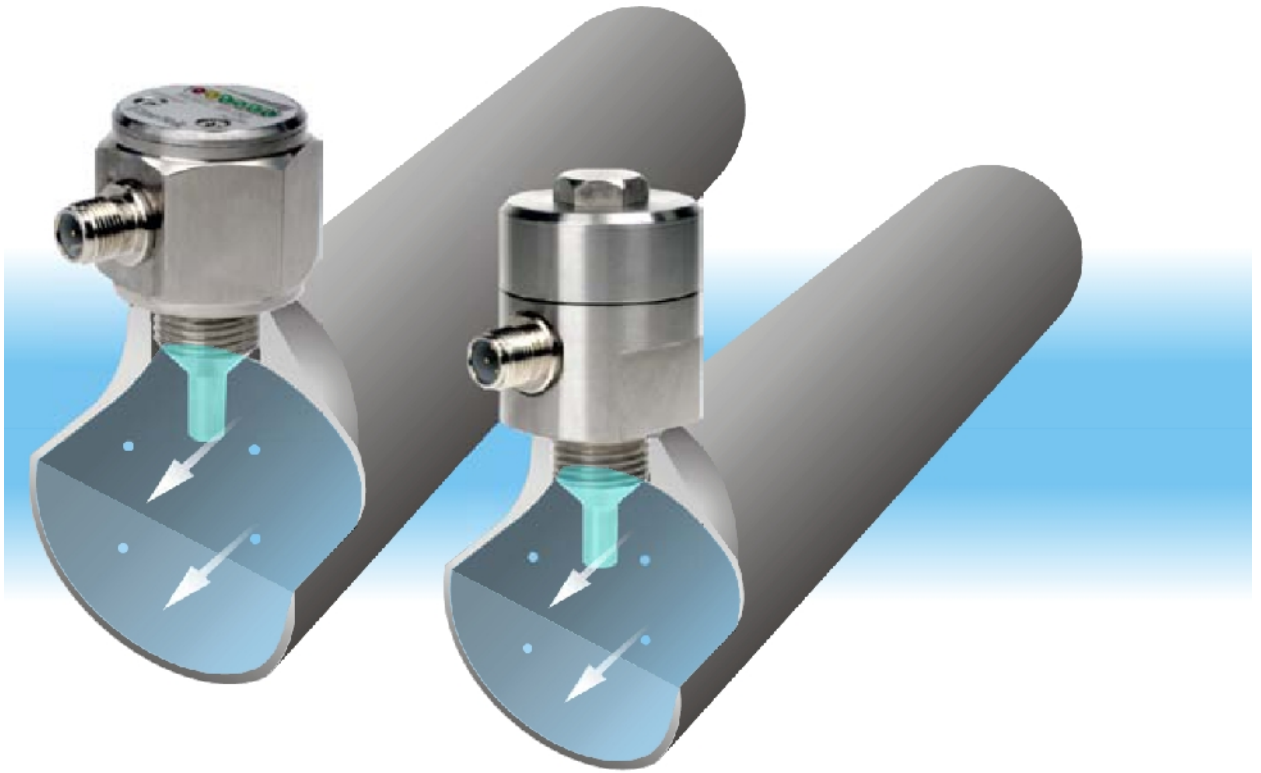


SP-150

()

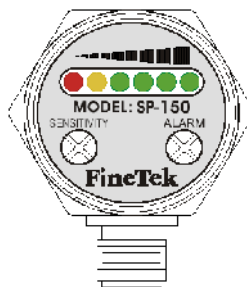
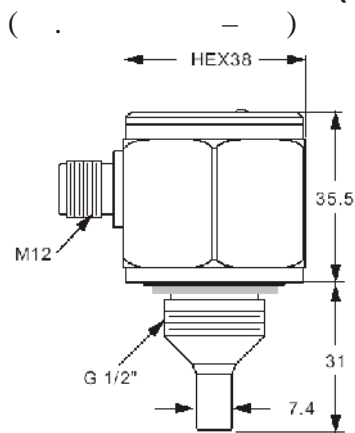
:

SP-150



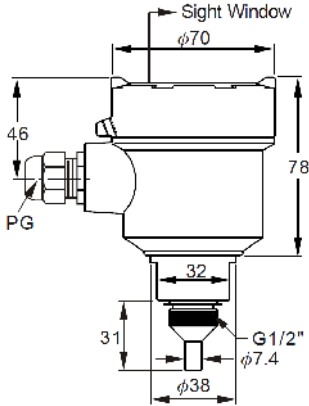
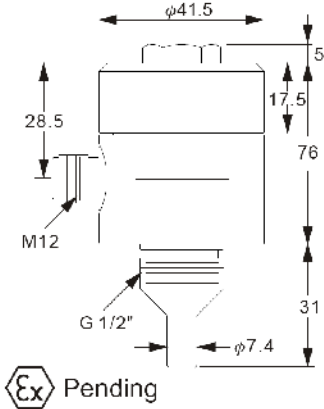

SP-150

: (G 1/2)



	SP200-□□□□.□□□	SP201-□□□□.□□□	SP202-□□□□.□□□
	: 1~150 cm/s : 3~300 cm/s	: 1~150 cm/s : 3~300 cm/s	: 1~70 cm/s : 2~100 cm/s
	-20 ~ 80°C	-20 ~ 80°C	-20 ~ 120°C
	: NPN / PNP (<400mA) : 1 / =30 , 0,3 / ~ 125 ()		
	100 (.)	100 (.)	5 (.)
:	(- 4)		
	SUS304 / SUS316L	SUS304 / SUS316L	SUS304 /SUS316/ SUS316L
	IP67		
	. 10	. 15	. 15 .
	G1/2", G1/4", NPT1/2"	G1/2", NPT1/2"	G1/2", G1/4", NPT1/2"
	= 19 ~ 30		
.	50mA max.		
	3	NPN/PNP: - () - () - ()	
.	= 2 ,		

	SP220 - □ □ □ □ □ □
	: 1~150 cm/s : 3~300 cm/s
	-20 ~ 80°C
	: NPN / PNP (<400mA) : 1 / =30 , 0,3 / ~ 125 () 100 (.)
:	- , - , - 4 ()
	PC
	IP65
	. 15
	G1/2", NPT1/2"
	= 19 ~ 30 V
.	50mA max.
	3 NPN/PNP: - () - () - ()
	= 2 ,

		
	SP210	SP170-(1/2)- ATEX
	: 1~150 cm/s : 3~300 cm/s	: 1~150 cm/s : 3~300 cm/s
	-20 ~ 80°C	-20 ~ 80°C
	: 5A/250V AC	
	100 (.)	100 (.)
	: , - , - (- 4)	
	SUS304	SUS304
	SUS304/ SUS316 / SUS316L	
	IP67	
	. 15	
	G1/2", NPT1/2"	
	= 19 ~ 30	
	60mA max.	
	5 : - () - () « » - « » -	
	= 2 ,	

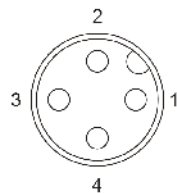
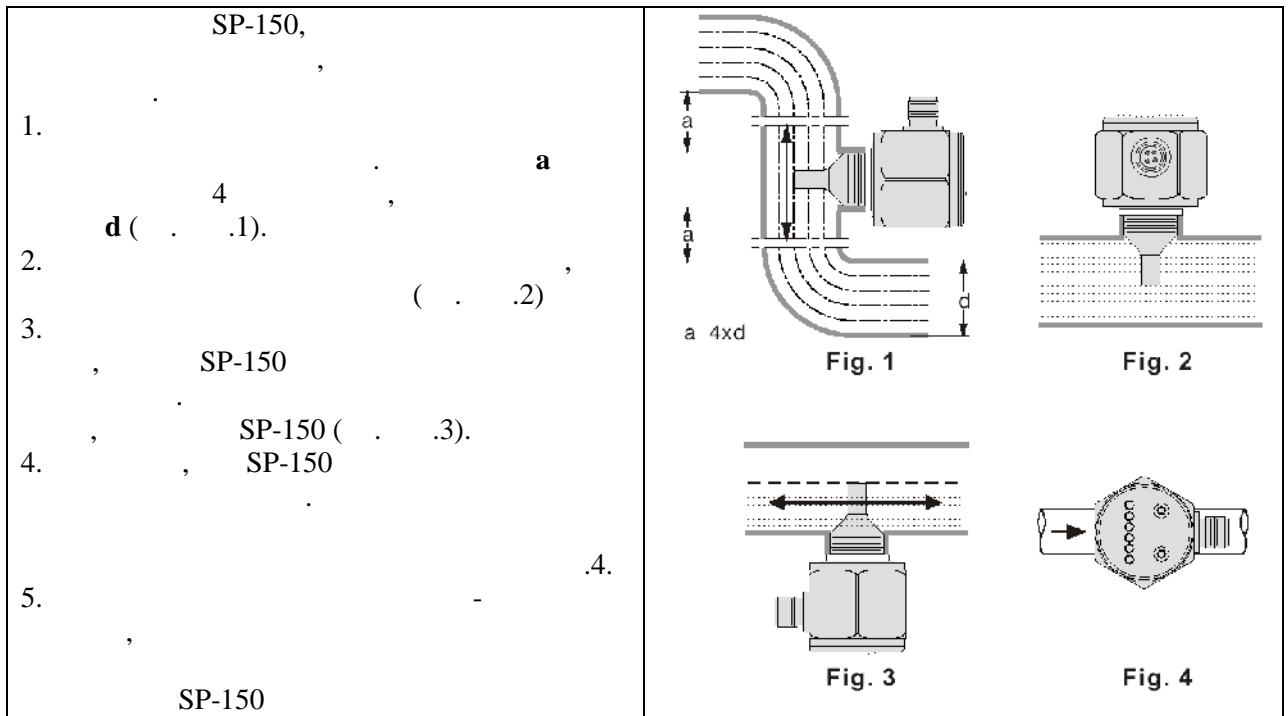


Fig. 5
Wire terminal diagram
(NPN, PNP and 1A relay output type)



Fig. 6

WIRING

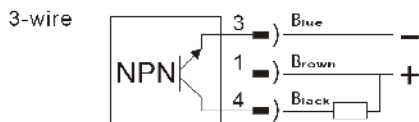


Fig. 7, NPN output type wiring

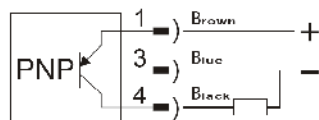


Fig. 8, PNP output type wiring

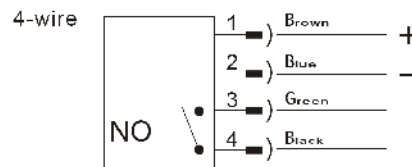


Fig. 10, Relay output type wiring (NO)

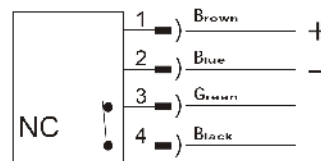


Fig. 11, Relay output type wiring (NC)

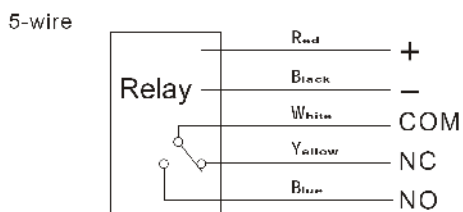


Fig. 9, Relay output type wiring

SP2 - - - - - ()

Model Description

- 0: Compact Type
- 1: Stainless Steel Type ϕ 70X78
(for SPDT 5A/250Vac)
- 2: Economy Type (Plastic Housing)

Probe Type

- 0: Standard Type
- 1: Probe Extension Type
- 2: 120°C High Temperature Type
(Except SP220)

Material

- 0: SUS304 L: SUS316L S: Other
- 6: SUS316 F: PVDF (for SP203 only)

Connection

Size	Specification
A: 3/8" (10A)	Q: PT
B: 1/2" (15A)	T: BSP
C: 3/4" (20A)	R: PF
D: 1" (25A)	U: NPT
2: 1/4"	V: GAS
S: Other	S: Other

*Standard thread connection: 1/2"PF, 1/2"NPT, 1/2"PT

Output

- N: NPN (current limit: 400mA)
- P: PNP (current limit: 400mA)
- A: Relay 1A/30Vdc (NO)
- B: Relay 1A/30Vdc (NC)
- C: Relay 5A/250Vac (NC) (for SP210/ SP211/ SP212)

Cable Wire Length(unit: m)

- 0: None 2: 2m 5: 5m

Length L (Unit: mm)

- * Tolerance of the total product length is ± 5 mm
- * In case of not affecting original functions, dimensions are subject to change without notice.
- * Please contact us for specific extension probe.
- * Max.200mm
- * PVDF and PTFE are available for standard models.

SP170- - - - ()

Model Description

70 ---Explosion Proof Type

Material

- 1: SUS304
- 2: SUS316L

Size	Specification
B: 1/2" (15A) D: 1" (25A) S: Other	Q: PT T: BSP R: PF V: GAS U: NPT S: Other

Output

C: SPDT 5A/250Vac

Length L (Unit: mm)

- * Please contact us for specific extension probe.
- * In case of not affecting original functions, dimensions are subject to change without notice.
- * Tolerance of the total product length is $\pm 5\text{mm}$
- * Max.200mm