Easy TREK

SC- 300

1.

Easy TREK   .

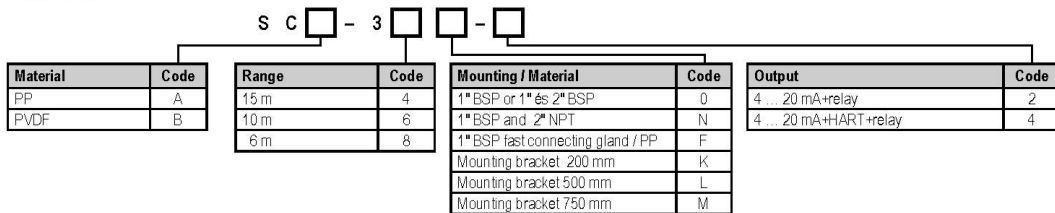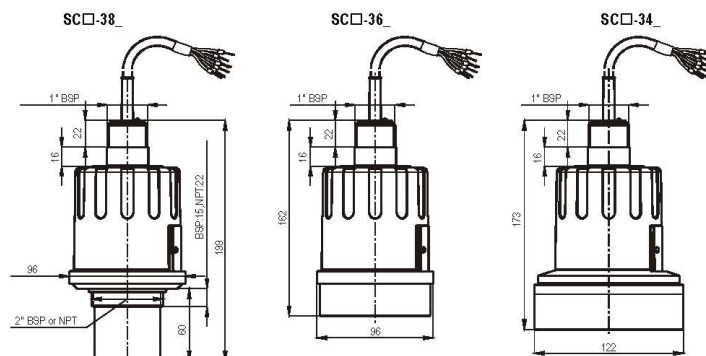4...20mA   HART   .

.

2.

2- 1.

Type		SCA-34□-□ SCB-34□-□	SCA-36□-□ SCB-36□-□	SCA-38□-□ SCB-38□-□
Measuring range ($X_m - X_M$)		0.45 ... 15 m	0.35 ... 10m	0.25 ... 6 m
Material		PP or PVDF		
Total beam angle		5°		
Ambient temperature		-30 °C ... + 60 °C		-30 °C ... +60 °C
Process temperature				-30 °C ... +80 °C
Pressure (absolute)		0.3 ... 3 bar (0.03 ... 0.3 MPa)		
Power supply / Consumption		10.5 ... 40 V DC, 3,6 W or 10.5 ... 28 V AC / 4 VA		
Outputs (programmable)	Current	4-20 mA 600 Ω, galvanically isolated, (max. 250V), secondary lighting protection Error indication by the current output (programmable): 3.6mA; 22mA; hold last value		
	Relay	SPST (NO) 48 V AC/ 5 A; AC12 For indication of echo loss (default) or for differential level control		
Digital communication		HART		
Accuracy of the setting		With Touch–Magnet Programming ±20 mm		
Resolution		<2 m: 1 mm 2...5 m: 2 mm 5...10 m: 5 mm		
Damping		10 sec, 30 sec, 60 sec (programmable)		
Electrical connection		6x0.5 mm² shielded cable, ∅7.5 mm, length:3 m (can be ordered up to 30 m)		
Electrical protection		Class III.		
Ingress protection		IP 68		
Weight		≈1.2 kg		

2- 2.

2.3 ORDER CODE

S C □ – 3 □ □ – □

Material	Code
PP	A
PVDF	B

Range	Code
15 m	4
10 m	6
6 m	8

Mounting / Material	Code
1" BSP or 1" és 2" BSP	0
1" BSP and 2" NPT	N
1" BSP fast connecting gland / PP	F
Mounting bracket 200 mm	K
Mounting bracket 500 mm	L
Mounting bracket 750 mm	M

Output	Code
4 ... 20 mA+relay	2
4 ... 20 mA+HART+relay	4

2.4 DIMENSIONS

SC□-38_   SC□-36_   SC□-34_

1.

> **！：**
>
> LED
>
> .
>
> .

——— ： Easy TREK

r=(0.2 0.4)d .

TOP

.

±2°

.

——— ：

. (： ,

)

—— ：

.

.

—— ：

.

—— ：

. (： ,)

—— ： .
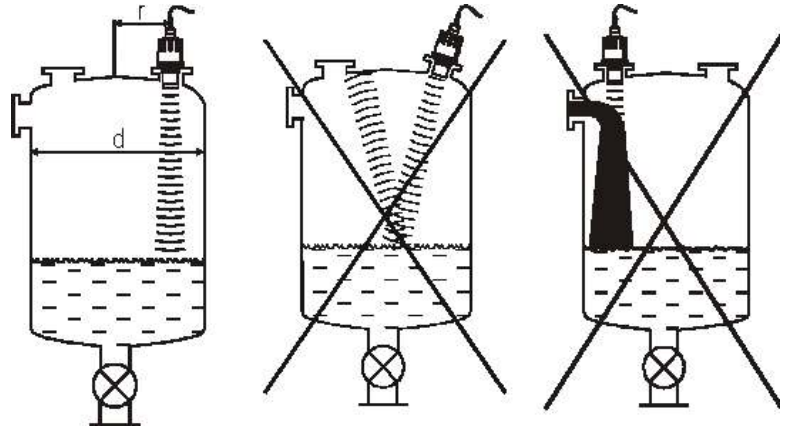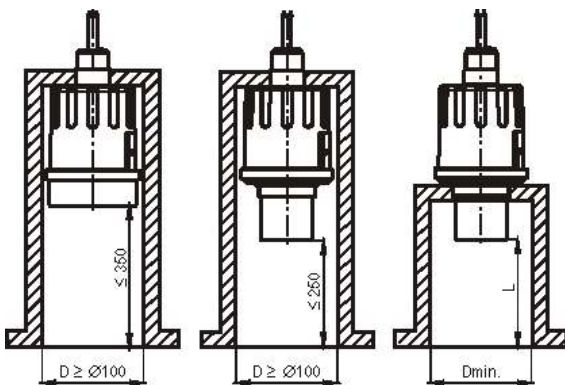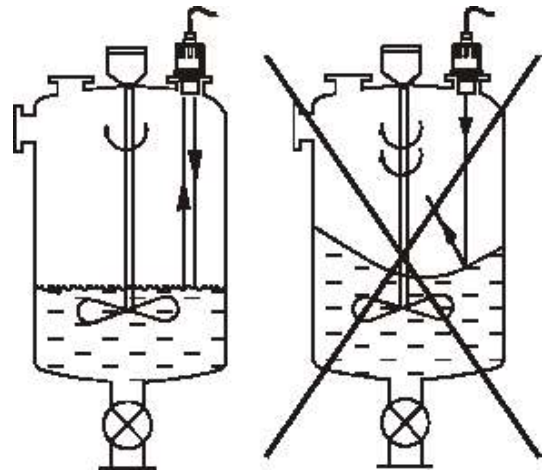
L	D_min	
	SC□ 380	SC□ 340
150	Ø 60	*
200	Ø 65	*
250	Ø 75	*
450	—	*

1.

브라운색
녹색
노란색
핑크색
회색
백색
쉴드선

중계박스

Cable

Green LED

Red LED "ECHO"

T R A N S M I T T E R

브라운 색
녹색

Power Supply
10,5V…28V AC v.
10,5V…40V DC

회색
백색

I$_{OUT}$
GND

(mA)

노란색
핑크색

-        :
-        :
-        :
-        :
-        :
-        : GND
-        :

DC   .

       NO   .

DC   GND   (–)   3

       .

-
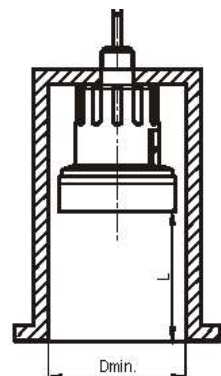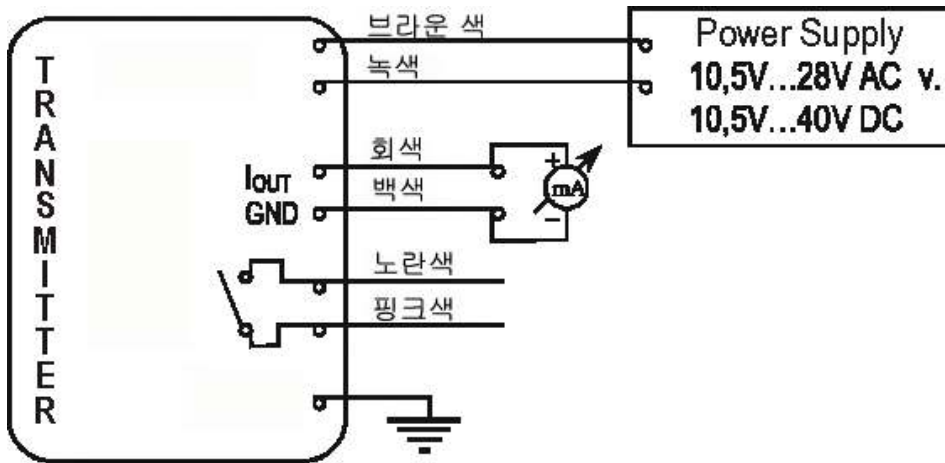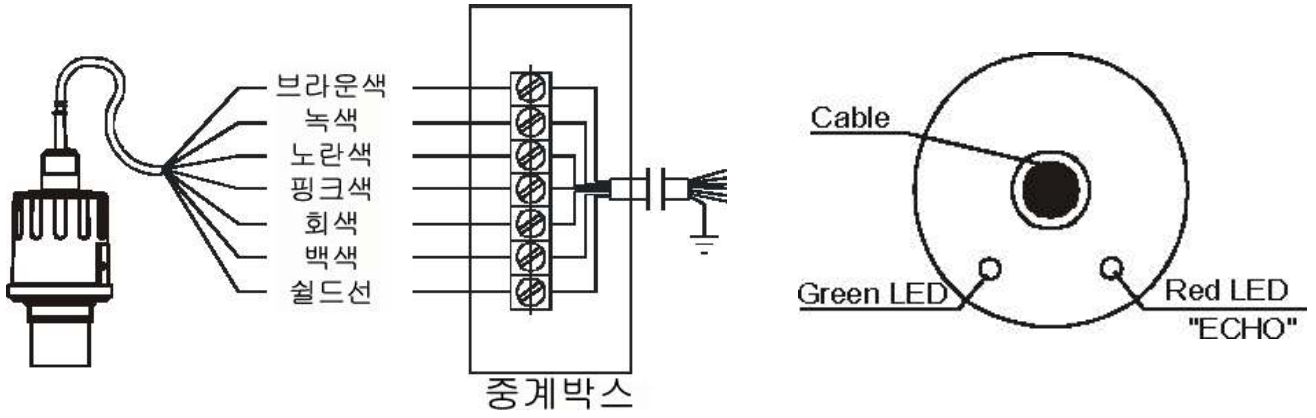
1.

25...50

ECHO LED

4...20mA   .

                    1   .

                                                          . :

  ●   :   .
  ●   :   .
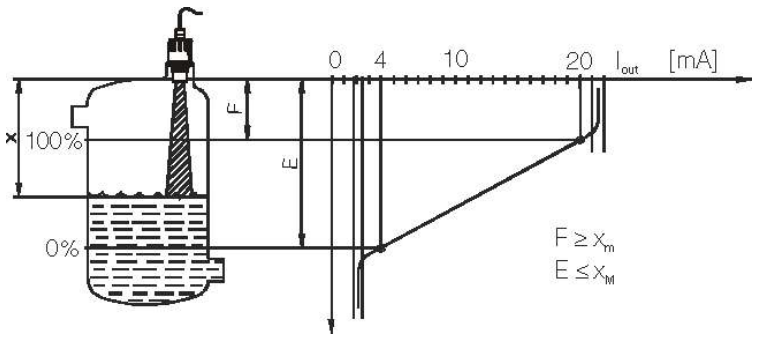
                    Touch- Magnet   .

- 4mA   (/   (E))

- 20mA   (/   (F))

-                        (:   )

-                    (:   ,   NO)

-          (: 60   )

Touch- Magnet   EasyTREK   .

        " ECHO " LED   .

    "ON"   "OFF"   20 mm   .

LED

 = LED   = LED   = LED   = LED

                            LED   LED
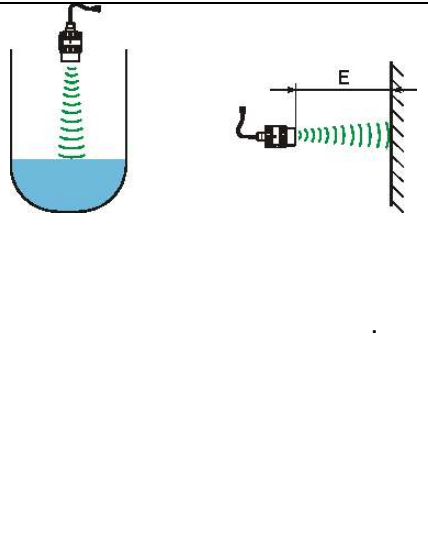
        LED   LED   .

                    :

    A, B   .
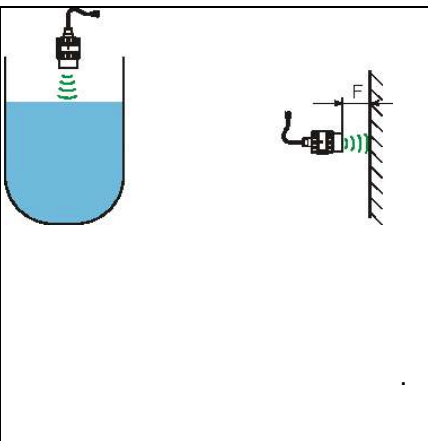
, 0%, (4mA)

EasyTREK .

	LED	
1)	◯● = ,	
2) "A"	●● =	
3)	●◯ = 4mA	
4) LED .	◯◯ =	

, 100%, (20mA)

EasyTREK .

	LED	
1) "B"	●● =	
2)	◯● = 20mA	
3) LED .	◯◯ =	
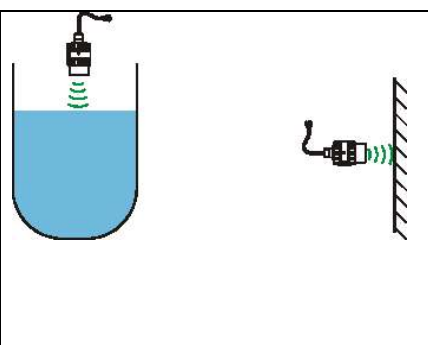
ON

EasyTREK ON .

	LED	
1) "A"	●● =	
2) "B"	◯◐ =	
3) "B"	◐● =	

OFF

EasyTREK ... OFF ... .

	LED	
1) "A"	●● =	
2) "B"	○◐ =	
3) "B"	◐● =	
4) "B"	○● = OFF	
5) LED ○○ =	.	

NOTE : ECHO RESET .

" "

EasyTREK .

	LED
1) "A"	●● =
2) "B" .	○◐ =
	◐○ = 3.6 mA
	◐◐ = 22mA
3) "A"	○○ =

" "

EasyTREK .

	LED
1) "B"	●● =

2) "A"		◯◑ =10
		●◐ = 30
	.	●◐ = 60
3) "B"		◯◯ =

" RESET "

EasyTREK   .

	LED
1) "B"	●● =
2) "A"	◯◐ =
3) "A"	●◐ = RESET
4) LED .	◯◯ =

               LED

	LED	
1)	●◐ = 2 =	
2)	●◐ = 3 =	HART
3)	●◐ = 4 = "LEV"	RESET .
4)	◐◑ = =	20mm .

     1.   ,

                                       .

                             .

     .