

3300

삽입형 스트레인 센서 – INSERTGAGE®

Insertable extensometer designed to measure the force in a structure



Model 3300



Features

- 측정 대상:
 - 인장력, 압축력, 전단력 및 굽힘력
 - 토크
- 용량 범위에 관계없이 단일 모델 제공
- 재질: 스테인리스 스틸
- 보호 등급: IP67
- 매우 경쟁력 있는 가격
- 설치 용이 (구멍 하나 뚫기)
- 구조물 내 정확도: 2~5%
- 케이블 길이: 0.25m 또는 5m (요청 시 다른 길이 제공 가능)

Most popular options

Ex i



Wireless

Application(s)

SENSY's insertable strain sensor 3300 is perfectly designed for the following applications:

- 사일로, 호퍼, 탱크, 반응기 또는 컨테이너 계량,
- 레벨 측정,
- 기계 응력 측정,
- 힘 분배 제어,
- 레일 계량,
- 설정점 감지.

Capacities

3300: 40 to 120 N/mm²

Specifications	2 - 5 %	
Reference temperature	23	°C
Compensated temperature range	-10...+45	°C
Service temperature range	-30...+60	°C
Storage temperature range	-50...+85	°C
Nominal sensitivity	± 1 **	mV/V
Input resistance	700 ± 2	ohm(s)
Output resistance	700 ± 2	ohm(s)
Insulation resistance (50 V)	> 5000	Mohm(s)
Reference excitation voltage	10	VDC
Permissible nominal range of excitation voltage	3...12	VDC

* F.S. : Full Scale.

** : for a stress of ± 10 kg/mm²

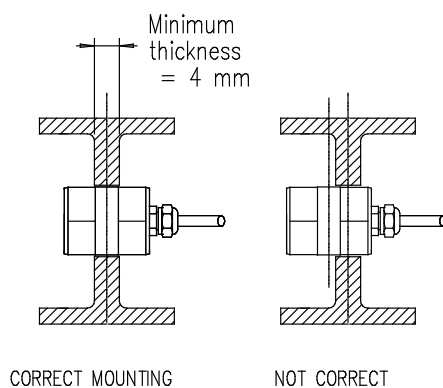
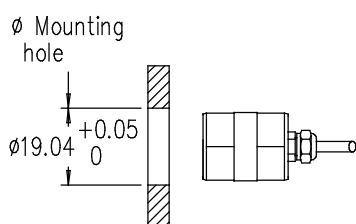
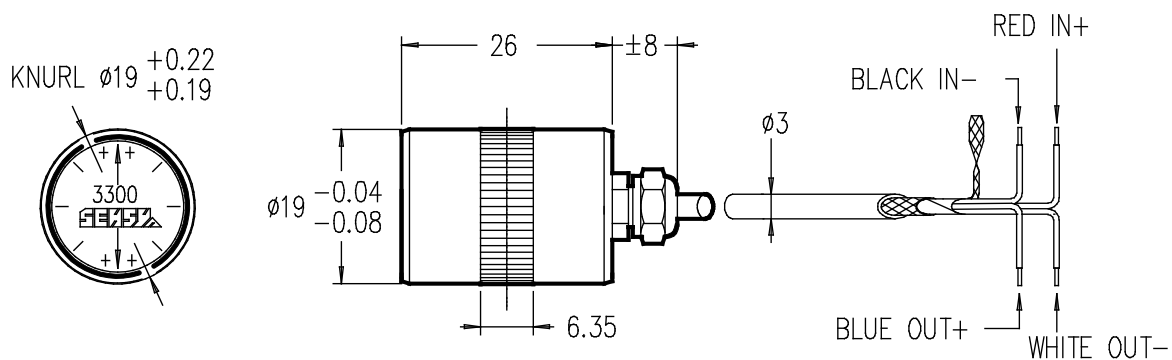
Specifications subject to change without notice.



ISO 9001 certified

rev. : 09/07/2020

3300 > STANDARD DIMENSIONS



CORRECT MOUNTING

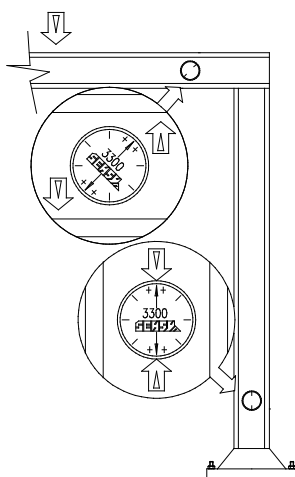
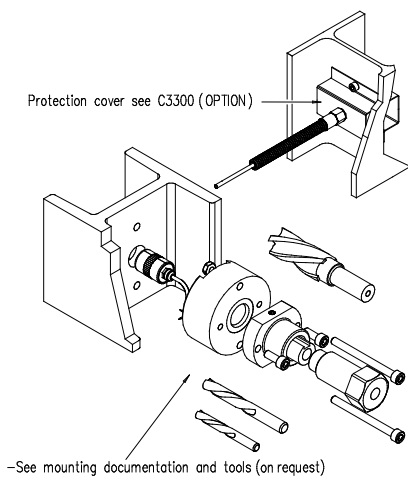
NOT CORRECT

Ref. Item	Capacities	
3300-A	40 to 120 N/mm ²	용량 범위에 관계없이 하나의 고유한 모델

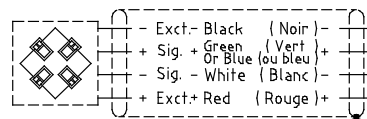
→ 요청 시 다른 용량 및 치수도 제공 가능

Dimensions in mm

Accessories

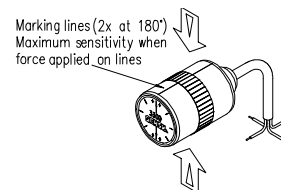


Wiring

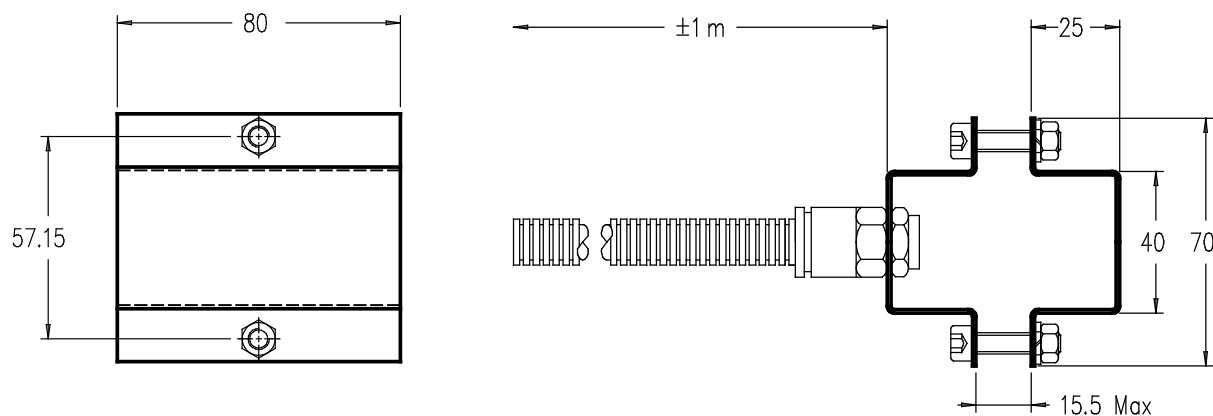


Standard : Cable screen not connected to transducer
Faradisation non connectée au capteur

Load direction



C3300 > STANDARD DIMENSIONS



Ref. Item*

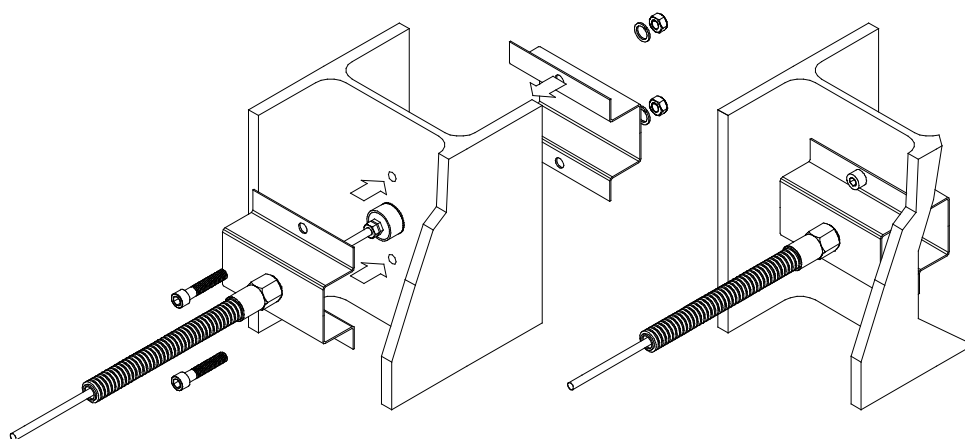
C3300-A

* Material: stainless steel

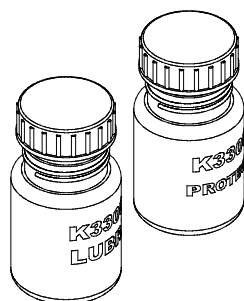
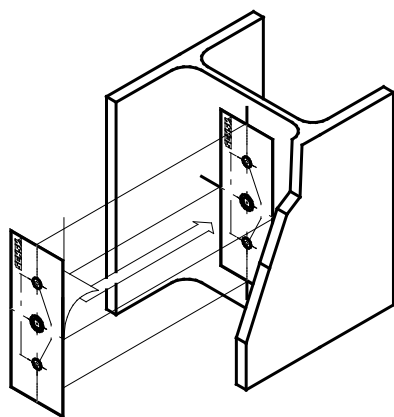
→ 요청 시 다른 용량 및 치수도 제공 가능

Dimensions in mm

Other views



→ K3300 > STANDARD DIMENSIONS

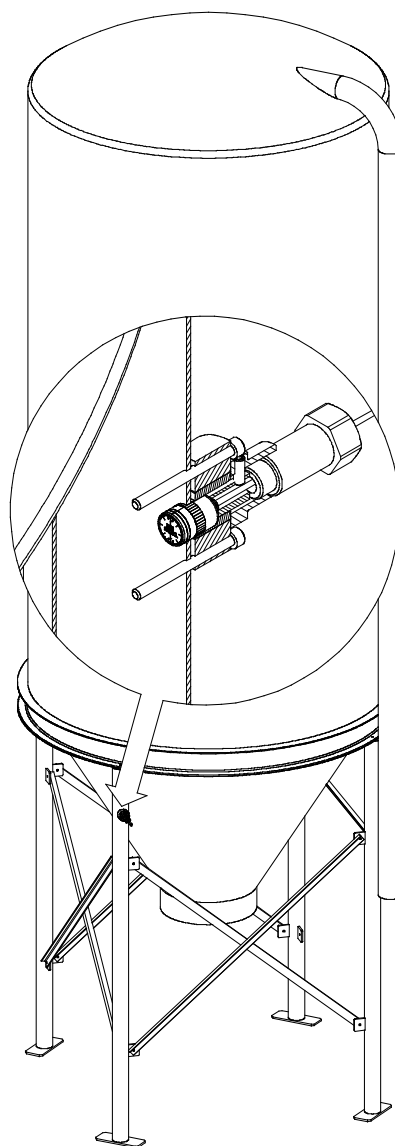


포함 품목:

K3300 LUBRI(윤활유)

K3300 PROTECT(보호 그리스)

K3300 D6 & S10(Ø6.5 & Ø10 드릴)



Ref. Item*

K3300-A

* Material: stainless steel

→ Other capacities and dimensions available on request

Dimensions in mm

Other view

