



SONO GS1

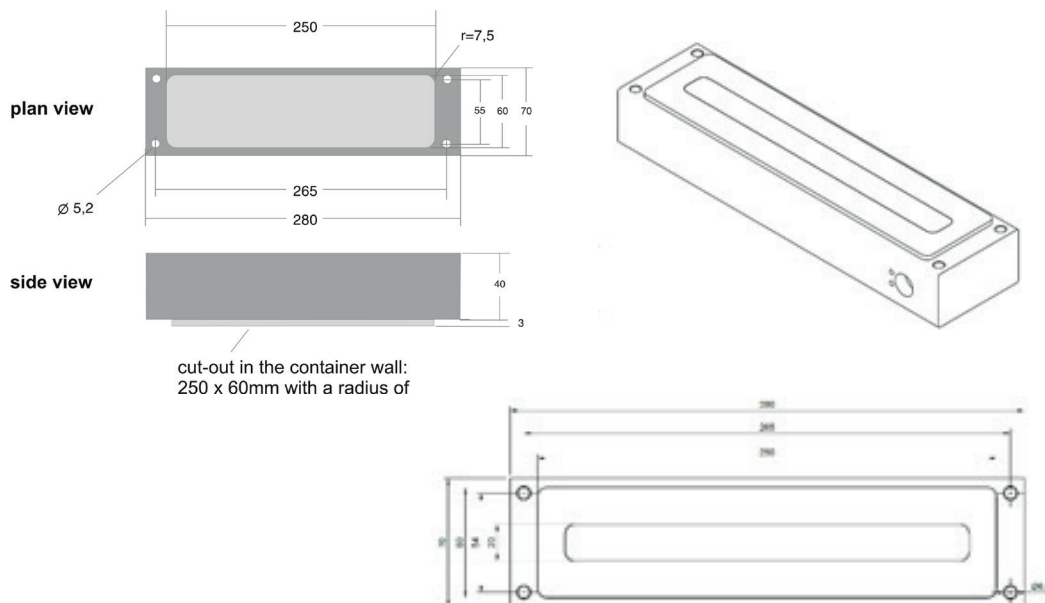


Article-No. 308073

Advantages

- very large measurement volume
- perfect for low-density bulk solids
- contactless measurement possible
- high precision
- Sensor surface is made of stainless steel and plastic suitable for food contact (PEEK)

Technical details



Application

- Wood products (processed & solid)
- Sewage sludge >TS70
- Powder & fine bulk goods
- Pasta & Pre-products
- Coffee beans/-powder
- Granules & Low-density bulk solids
- Grain & Animal feed
- Sewage sludge <TS70
- Soil- & Substrate moisture
- Ceramic raw materials
- Sand & Gravel
- Foundry sand
- Fresh concrete
- Mining/Ores

Sensor variations

- SONO ES GS1 (Art.-No. 308082)
- SONO-Ex GS1 (Art.-No. 998240)



Parameter

Temperature range	0°C ... 70°C
Power supply	+12V until +24V DC, approx. 3W
Special conditions	0°C until +100°C in high-temperature version
Signal output	2x Analogue output 0(4)...20mA Output 1: Moisture in % Output 2: Temperature or optionally conductivity or standard deviation
Interfaces	RS485 or IMP-Bus
Sensor dimension	280 x 60 x 43 mm (length x width x height)
Weight (Sensor)	1,3 kg
IP-Protection class	IP 65

Installation

- Screw conveyor
 - under dosing belts (possibly contactless)
- Belt conveyor (possibly contactless)
 - Chute

Cleaning

- damp cloths
 - no high-pressure cleaner
 - no CIP cleaning
- If installed correctly, the sensor does not need to be cleaned
 - no concentrated jet-water

Safty notice

- Probes not allowed to be opened
 - stabilized DC power-supply
- Operation altitude up to 2000 meters in above sealevel

Accessories

SONO View
Display- and configuration unit



SM-USB
Interface converter



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