



No. 2022-030350-01-1

안전인증서

Certificate of Safety

Sintrol Oy

Ruosilantie 15, FI-00390 Helsinki, Finland

The following product manufactured by the above company has been authorized for the use of safety certification mark as the product has satisfied the safety and health requirements under Article 84 of OCCUPATIONAL SAFETY AND HEALTH ACT and paragraph 1 of Article 110 of ENFORCEMENT ORDINANCE OF the same ACT.

Electrical Equipment

Dust Concentration Monitors

Model (Marking) / Certificate No.

S200 Series, S300 Series(Ex ia/tb IIIC T₂₀₀ 93°C...201°C Da/Db) / 22-KA4BO-0457X

Applied standards

Announcement No. 2021-22 of Ministry of Employment and Labor

Conditions of Certification

- 1. Manufacturing location(s):** This certificate is valid only for the specified products produced at 'Ruosilantie 15, FI-00390 Helsinki, Finland'.
- 2. Description of equipment**
 - The Dust Concentration Monitor measures total suspended particles in a conductive duct or pipe.
 - Rating: (80 - 240) Vac, (50/60) Hz, 10 W or 24 Vdc, 10 W
 - Ambient temperature: $-30\text{ }^{\circ}\text{C} \leq T_a \leq +60\text{ }^{\circ}\text{C}$
- 3. Scope of certification:** This certificate is valid only for the below models.
 - S201 EX, S203 EX, S303 EX, S304 EX, S305QAL EX
- 4. Special conditions for safe use**
 - The maximum rated process temperature is 200 °C.
 - The fixed installation shall minimize the risk from electrostatic discharge.
 - See Specific Conditions of Use in the related IECEx certificate (IECEx EXV 21.0083X issue No.0) for the details.
- 5. Details of certificate changes:** None
- 6. Details of the others**
 - Manufacturer shall take the responsibility including maintaining quality requirements for the certified products, receiving factory surveillance and informing any changes to the certified products.
 - This certificate shall be used with the related IECEx certificate (IECEx EXV 21.0083X issue No.0).

Date of Issue: 2022-07-20

한국산업기술시험원장
KOREA TESTING LABORATORY

