

EU Declaration of Conformity



The S300 Series dust monitor is intended to measure the dust particle density in gas, which is flowing in a duct. The protection class of the housing is in accordance with IP66.

We, the Manufacturer, herewith confirm that

Sintrol Dust Monitors S201 Ex, S203 Ex, S303 Ex and S304 Ex

comply with the requirements of the European Directives:

EMC - 2014/30/EU

EN61326-1:2012 Electrical measurement, control and laboratory devices – Electromagnetic susceptibility (EMC)



RoHS 3 - EU 2015/863

IEC 63000:2016 Technical documentation for the evaluation of electrical products with respect to restriction of hazardous substances (RoHS)



Low Voltage Directive - 2014/35/EU

EN61010-1:2012 Safety requirements for electrical equipment for measurement, control, and laboratory use (LVD)

The devices fulfill the requirements of the ATEX Directive 2014/34/EU

II 1/2 D Ex ia/tb IIIC T₂₀₀ 93°C...201°C Da/Db

T_{amb} -30°C to +60°C

Compliance with standards EN IEC 60079-0: 2018, EN 60079-11:2012 and EN 60079-31:2014 has been evaluated by ExVeritas, Certificate no. 21ATEX1104X.

Helsinki, 17th November 2022

A blue ink signature of Jan-Erik Sandelin.

Jan-Erik Sandelin
CEO