

TECHNICAL DATA

Sensor

Measurement objects	Solid particles in a gas flow
Measurement range	From 0.1 mg/m ³
Process temperature	Max. 140 °C (higher temperature on request)
Ambient temperature	- 20 ... + 60 °C
Pressure	Max. 2 bar
Gas velocity	Min. 4 m/s
Humidity	95 % RH (non-condensing)
Principle	Electrodynamic
Damping time	1 s
Output signals	4 ... 20mA analog output x1 (Active)
Sensor rod	Total length: 260 mm length of stainless steel rod: approx. 194 mm
Housing material	Aluminium
Using in Ex-zones	Cat. 3 G/D (zone 2 gas / zone 22 dust)
Protection category	IP65
Power supply	24 V DC ± 10 %
Power consumption	1 W
Electrical connection	<ul style="list-style-type: none"> • screw-type / terminal box • M12 connector (optional)
Assembly	Via 1/2" screw-in-thread
Weight	Approx. 1 kg

