JOY-IT

SDS011
Dust sensor for measuring the particle concentration in the air

The SDS011 sensor determines the dust particle concentration in the air using the scattered light method.

The USB-UART adapter also allows the sensor to be read out directly on a computer.

KEY FEATURES

Interface	UART (3.3V level)
Operating Voltage	5V
Weight	70g
Dimensions	70 x 70 x 24mm
Scope of delivery	SDS011 dust sensor Connection cable USB-UART adapter

SPECIFICATIONS

Resolution	0.3µg/m3
Response time	< 10s
Other features	Integrated fan

OPERATING INFORMATIONS

Current in idle	<4mA
Supply current	70mA
Storage temperature	-20 - 60°C
Operating temperature	-10 - 50°C

ADDITIONAL INFORMATIONS

Article No.	SEN-SDS011
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