

GP2Y1014AU

Optical sensor for measuring and detecting dust particles



The GP2Y1014AU is an optical sensor for the detection of dust particles.

The light reflected by the dust is detected by an integrated infrared diode and a phototransistor and can thus be determined in an analog value.

KEY FEATURES

Interface	Analog
Operating Voltage	5-7V
Weight	15g
Dimensions	46 x 33 x 18 mm
Scope of delivery	GP2Y1014AU Sensor 6-Pin cable 150Ω resistor 220µF capacitor

SPECIFICATIONS

Operating temperature	-10 - 65°C
Storage temperature	-20 - 80°C
Max. current consumption	20mA
Ø Current consumption	11mA

PARTICLE DETECTION

Min. particle detection	0.8 microns
Sensitivity	0.5V/0.1mg/m ³

ADDITIONAL INFORMATIONS

Article No.	SEN-GP2Y1014AU
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