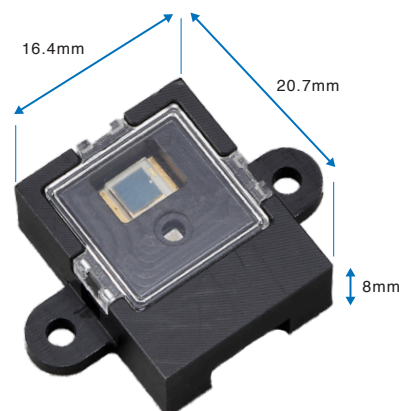


Reflective Color Sensor

Reflective Color Sensor / MSG1A04

Product outline

- The MSG1A04 is a reflective color sensor that consists of a three-color LED and one light receiving element and reads the light reflected from an object. It uses a selected object as the reference and outputs the rate of change against the reference.



Applications

Color discrimination
by line inspection

Paint color
discrimination

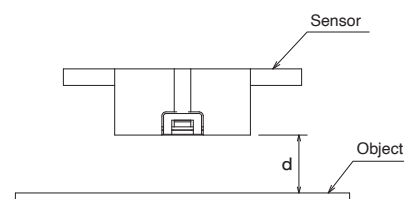
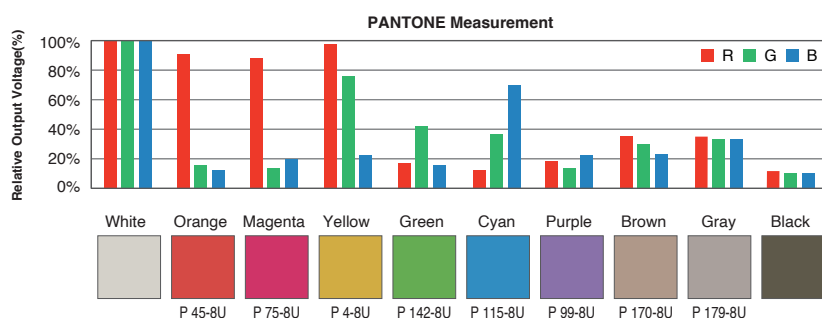
Check the appearance of
the printed matter

Specification

Electro-Optical Characteristics

Item	Symbol	Conditions	Value	Unit
Operating voltage	Vcc	—	5	V
Object distance	d	—	3	mm
Detectable object size	Bw	d=3mm LED Center	φ6 ※1	mm
Communication system	—	UART	—	—

※1. Indicates the area where the output is 95%



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