Color Code Sensor BZJ-211

Model and meaning:

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1)Color mark sensor
2)Design program:1,2.....
3)Class to light path: 1. coaxial, 2. non coaxial
4)Class to light source: 1.single light source, 2. double light source
5)Color of light source: R: white, G: green
6)Class to logic: N-NPN, P-PNP

General introduction:

BZJ series Color Mark Sensor applies the light emitting and receiving principle. It will send out modulating light,receive the reflecting lights from detected object, and distinguish the color or recognize the existence of objectsaccording the intensity of the receiving signals. It can serve for sensor in the automatic control systems for packingmachinery, printing machinery, texture and paper making machinery etc and be used with other instruments to detectthe existence of the object marked with color code, pattem code, line or others. It has the functions of self-locating, recongnizing color, rectifying deviation, pattern checking, countering. The sensor applies optical technique,semi-coductor electronic technique, modulation demodulation and has the features of high sensitivity, quickresponse speed, strong anti-background interference, compact structure and convenient operaion etc.

Specification:

Size (mm)	85x57x28
Supply voltage	10-30VDC
Ambient temperature	0-50℃
Detecting method	Coaxial reflection
Sensing distance	10mm±2mm
Chromatogram of light	Red, Green, Blue, White
Facula	Circual
Response time	50us
Output current	<200mA
Output type	NPN
Shell material	Metal
Cable length	2m