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COLOR MARK SENSOR

I.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 nguish the color or recognize the existence of objects according the intensity of the receiving signals.It can serve for sensor in the automatic control systems for packing hinery,printing machinery,texture and paper making machinery,etc and be used with other instruments to detect the existence of the object marked with color code, pat code,line or others.It has the functions ofself-locating,recgnizing colors, rectiflying deviation,pattern checking and countering.The sensor appliesoptical technique. i-conductor electronic technique, and modulation demodulation,and has the features of high sensitivity, quick response speed, strong anti-background interference,com structure and convenient opera ion,etc.

II.Model and technical parameters

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- P • PNP logic output / N-NPN
- Light source color R: white light / G: green light
- Light source classification 1. singlelight source / 2. double light source
- Light path classification 1. coaxial / 2. non coaxial
- design program
- Color code sensor

BZJ-211	Size(mm)	85×57×28	Facula	circular
	Supply Voltage	10-30VDC	Response time	50us
	Ambient temperature	0-50℃	Output current	<200mA
	Detecting method	Coaxial reflection	Output type	NPN
	Sensing distance	10mm ±2mm	Shell material	metal
	Chromatogram of light	Red、Green、Blue、White	Cable cength	2m
BZJ-311	Size(mm)	38×62×100	Facula	circular
	Supply Voltage	10-30VDC	Response time	50us
	Ambient temperature	0-50℃	Output current	<200mA
	Detecting method	Coaxial reflection	Output type	NPN
	Sensing distance	9mm	Shell material	metal
	Chromatogram of light	Red、Green、Blue、White	Cable cength	2m
BZJ-411 BZJ-511	Size(mm)	23×40×56	Facula	circular
	Supply Voltage	10-30VDC	Response time	200us/500us
	Ambient temperature	0-50℃	Output current	<200mA
	Detecting method	Coaxial reflection	Output type	NPN
	Sensing distance	9mm	Shell material	metal
	Chromatogram of light	Red、Green、Blue、White	Cable cength	2m
Z3N-TB22	Size(mm)	28×48×80	Facula	circular
	Supply Voltage	10-30VDC	Response time	0.1-1ms
	Ambient temperature	-15~65℃	Output current	<200mA
	Detecting method	Coaxial reflection	Output type	NPN或PNP
	Sensing distance	10mm ±2mm	Shell material	metal
	Chromatogram of light	Red、Green、Blue、White	Cable cength	2m