

**COLOR MARK SENSOR
CMS-315-P-R100 , CMS-315-N-R100**

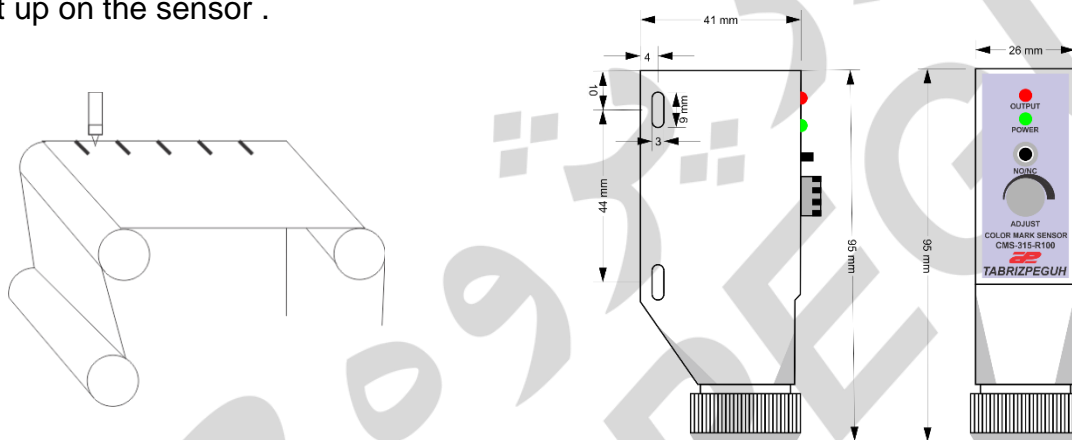
The color code sensor is designed to detect color codes on the packaging papers . The basis of these sensors is sending modulated white light and receive reflection from the desired surface .

The sensor should be fitted with a distance of 15 mm and perpendicular to the surface such as the flare spot formed quite clearly , and the sensor distance and the paper level did not fluctuate above 0.5 mm .

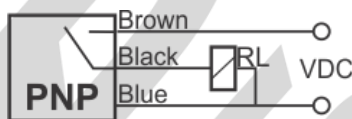
This sensor has a tuning potentiometer that set as follows .

If the color marks are darker than the ground colors , it will turn the light on the darkest color and rotate it clockwise to light the red LED on the sensor .

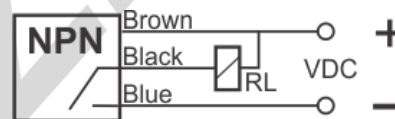
If the color marks are lighter than the colors of the ground , it will turn the light on Marc 's color and rotate it in a clockwise direction , so that the red LED is lit up on the sensor .



HOW TO WIRING : It is a three - wire sensor PNP or NPN . It is selectable by a switch on the sensor in the NO and NC states .



CMS-315-P-R100



CMS-315-N-R100

TECHNICAL DATA

Supply voltage	10 ~ 30 VDC	Output stage	PNP or NPN
Output drop voltage	<1.5 VDC	Light color	WHITE
Max. output current	250 mA	Power LED	GREEN LED
Current consumption	<20 mA	Output LED	RED LED
Reveres supply voltage protection	OK	Housing material	Polyamide
Surge voltage protection	OK	Operating distance	15 mm
Short circuit protection	NO	Cable length	1.5 m