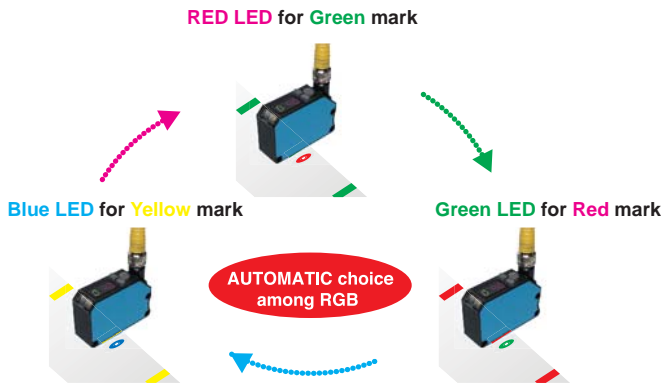


## Color / Mark Detection Sensor

The DM-18T Features:

- Pushbutton teach with fine adjust
- High speed response (250 μsec. Mark mode, 800 μsec. Color mode)
- Programmable On, Off or One Shot time delay.

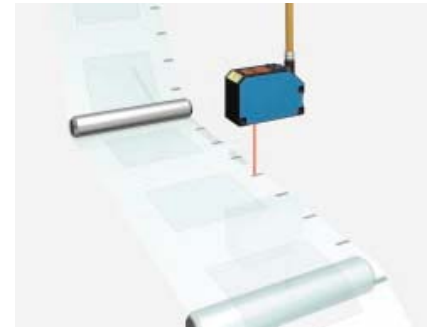
The DM-18T incorporates both an RGB color sensor and a Mark Detection sensor in one unit.



Red, Green, Blue. Depending upon the object the internal microcomputer will automatically select the light source from these three colors. Both Mark Mode and RGB Color Mode are available.



1 x 6 mm projected spot @ 18 mm



High Speed Response

The DM-18T Detects Registration Marks on all products:

- Paper sheets
- Tubes
- Transparent film
- Cartons
- Aluminum film
- Bags

Type	Color / Mark Detection Sensor			
	Cable Type NPN	Cable Type PNP	M8 QD Type - NPN	M8 QD Type - PNP
Model Number	DM-18TN(E)	DM-18TP(E)	DM-18TCN(E)	DM-18TCP(E)
Sensing Range	18 mm +/- 2 mm			
Beam Spot Size	1 x 6 mm @ 18 mm			
Light Source	RGB LED - Red (634 nm), Green (517 nm), Blue (469 nm)			
Teaching	Pushbutton - Mark mode: 2 point / Auto teach, Color mode: 1 point teach			
Supply Voltage	10 ~ 30 VDC incl. 10% ripple			
Remote Bank Select	8 Channel	8 Channel	2 Channel	2 Channel

The DM-18T\* can store up to 8 different settings in memory. This minimizes the time required to change processes.  
\* Only the cabled model offers this feature.