



BMS5M-TDT-P

URL: <https://www.sxplc.com/bms5m-tdt-p>

Product data sheet

Sensing type	Through-beam type
Sensing distance	5m
Sensing target	Opaque material of min. Ø10mm
Light source	Infrared LED(940nm)
Response time	Max. 1ms
Power supply	12-24VDC $\pm 10\%$ (ripple P-P: max. 10%)
Current consumption	Emitter/Receiver: Max. 50mA
Operation mode	Light ON/Dark ON(set by control wire)
Control output	PNP open collector
Connection type	Cable type(Ø5, 2m)
Environment_Ambient illumination	Sunlight: Max. 11,000lx, Incandescent lamp: Max. 3,000lx (received illumination)
Environment_Ambient temperature	-10 to 60°C, storage: -25 to 70°C
Environment_Ambient humidity	35 to 85% RH, storage: 35 to 85% RH

