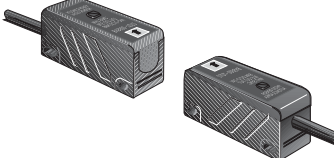



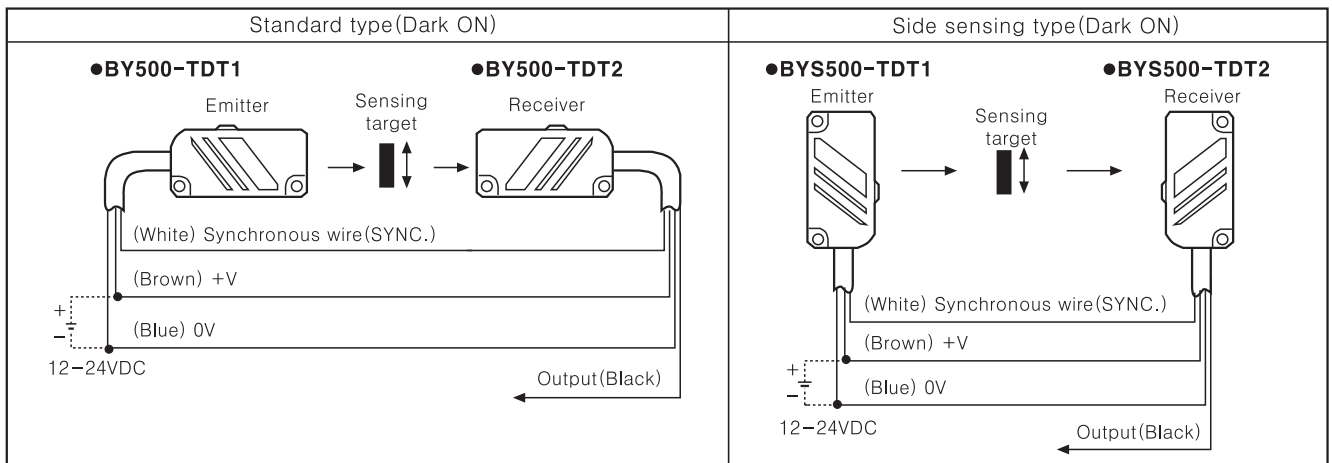
Selection Guide

PHOTO SENSOR(BY/BYS SERIES)

Specifications

Type	Transmitted beam	
Model	Standard type	Side sensing type
Appearances & Dimensions	 [W12×H16×L30mm]	 [W12×H30×L16mm]
Sensing distance	500mm	
Sensing target	Opaque materials of Min. ϕ 5mm	
Response time	MAX. 1ms	
Power supply	12-24VDC \pm 10% (Ripple P-P:Max. 10%)	
Current consumption	Max. 30mA	
Light source	Infrared LED(modulated)	
Operation mode	Dark ON	
Control output	NPN open collector output \Rightarrow Load voltage : 30VDC, Load current : Max. 100mA, Residual voltage : Max. 1V	
Protection circuit	Reverse polarity protection, short-circuit protection	
Indicator	Operation indicator : Red LED	
Connection	Outgoing cable (2m)	

Connections



- * The power of the emitter and the receiver must be supplied from same power line.
- * Synchronous wire (White) of the receiver must be connected with that of the emitter.

Feature data

