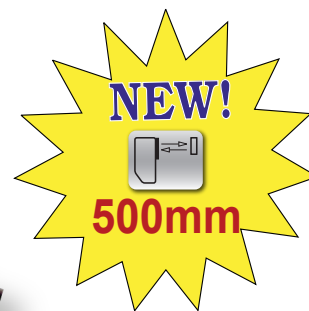
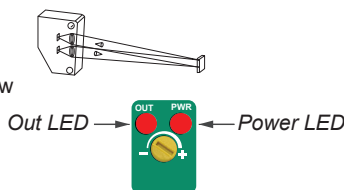
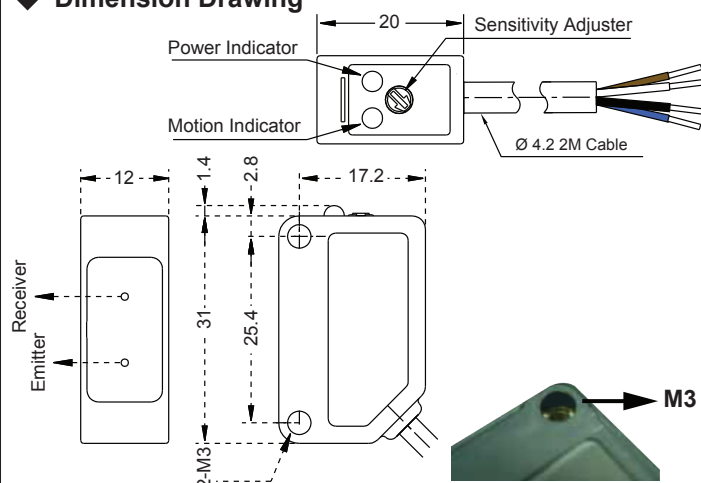


- Special Non-spherical optical lens
- Visible dual LED makes easy to know the current operation situation
- Sensitivity adjuster
- Light on / Dark on Selectable through wire
- Selectable NPN / PNP
- Standard screw hole 25.4mm

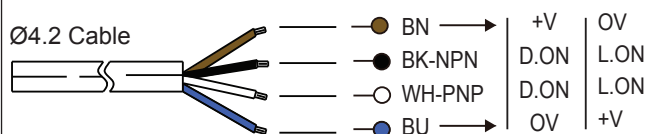


Model	BY-KT500F
Sensing Type	Diffuse Reflection
Sensing Distance	500mm (white paper 100x100mm)
Emitting Light	Infrared LED 850nm
Operating Voltage	12~ 24VDC
Current Consumption	25 mA Max.
Load Current	100mA Max. at DC24V
Output Type Selectable	PNP(NO) Dark on / PNP(NC) Light on / NPN(NO) Dark on / NPN(NC) Light on
Response Time	ON: 1 ms / OFF: 1 ms
Ambient Light Source	50,000 lux
Insulation Resistance	20MΩ min. (DC500V)
Voltage with Stand Ability	AC1000V 60Hz for 60 Sec.
Operating Temperature	-20°C ~ + 60°C
Ambient Humidity	35% ~ 85% RH
Protection Degree	IP64
Material	ABS
Wiring Method	Pre-wired Ø4.2 x 2 M / 4-wires
Weight	Approx. 60g

◆ Dimension Drawing



◆ Connection Diagram



PNP NO (Dark ON) Brown (+) White (out) Blue (-)
 PNP NC (Light ON) Brown (-) White (out) Blue (+)
 NPN NO (Dark ON) Brown (+) Black (out) Blue (-)
 NPN NC (Light ON) Brown (-) Black (out) Blue (+)

◆ Application

