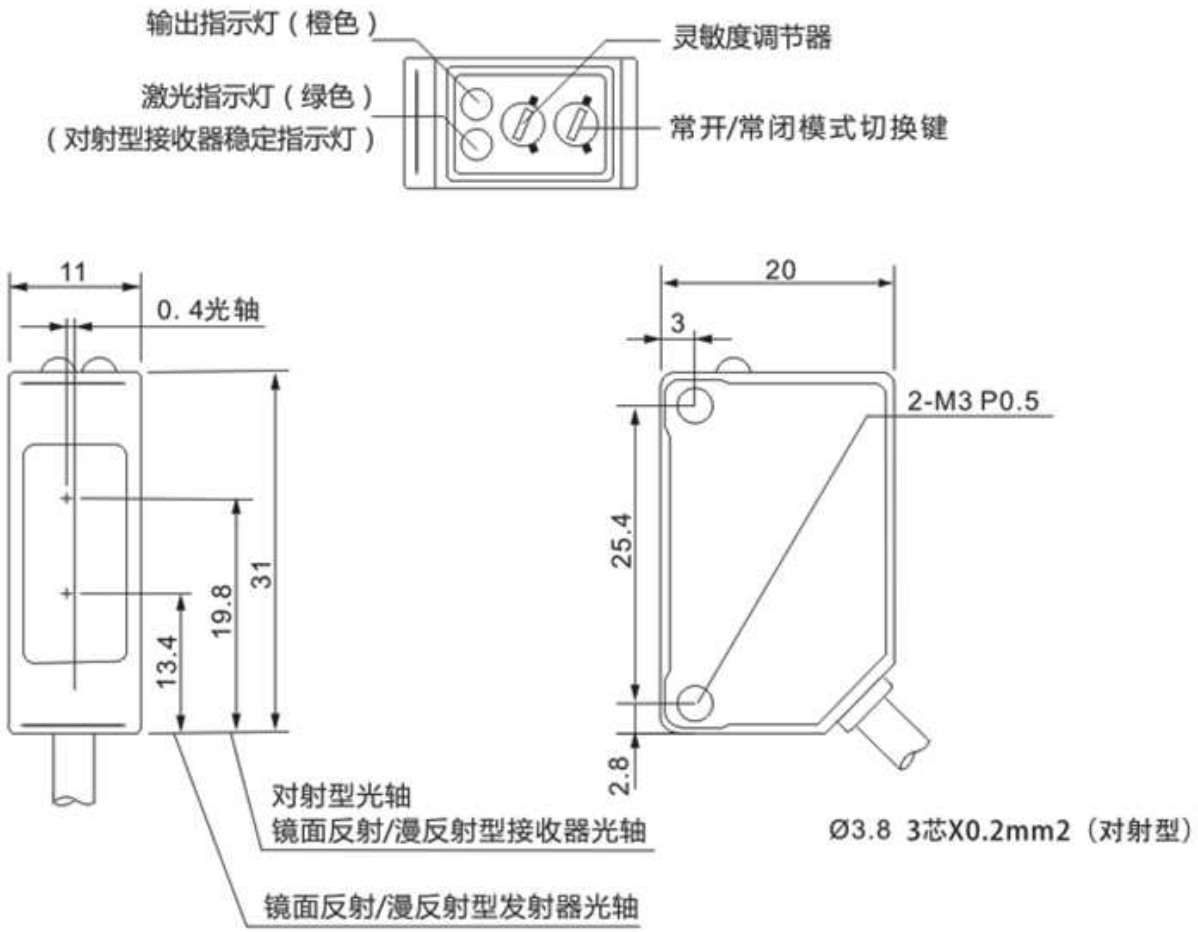
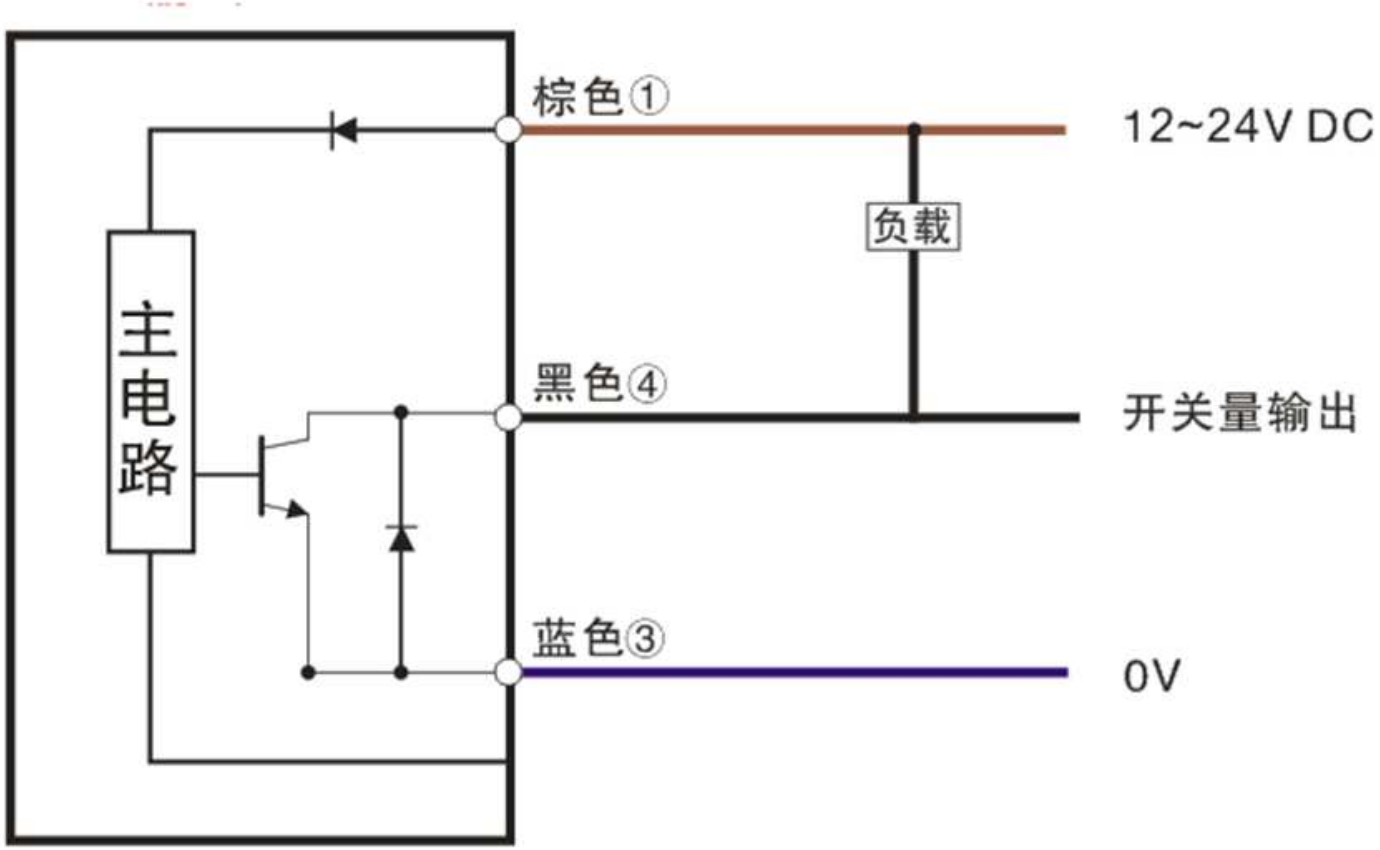
Product Size



Product Circuit



Technical Specifications

Model	ELB-350N
Detection Method	Diffuse Reflection - Background Suppression Type
Detection Distance	20~350mm
Set Distance	50~350mm
Spot Size	1.5mm/350mm
Switch Mode	L.on (light receiving action)/D.on (shading action) switchable
Indicator Light	Output indicator: orange; power indicator: green
Response Time	≤0.3ms
Sensitivity Adjustment	4-turn regulator
Light Source	Laser 650nm, Class 1
Operating Voltage	10~24V DC
Output Mode	NPN
Current Consumption	≤20mA
Degree of Protection	IP66
Ambient Temperature	-10oC~+70oC, no freezing
Environment Humidity	35%~85%RH, non-condensing
Anti-Vibration	10~55Hz, 1.5mm amplitude, 2 hours each in X, Y, Z directions
Impact Resistance	50G (500m/s2)
Minimum Detectable Substance	0.5mm

Load Current	≤100mA
Residual Voltage	<1V
Circuit Protection	Reverse polarity protection, output overcurrent protection, interference light protection
Shell Material	Shell: ABS with glass fiber; Lens: PMMA
Ambient Illumination	Sunlight ≤5000 Lux, incandescent lamp ≤20000 Lux, LED ≤2000 Lux
Insulation Resistance	More than 20M between all power connection terminals and the shell (based on DC250V)
Hysteresis Range	≤5%SN
Accessories	Bracket, screw