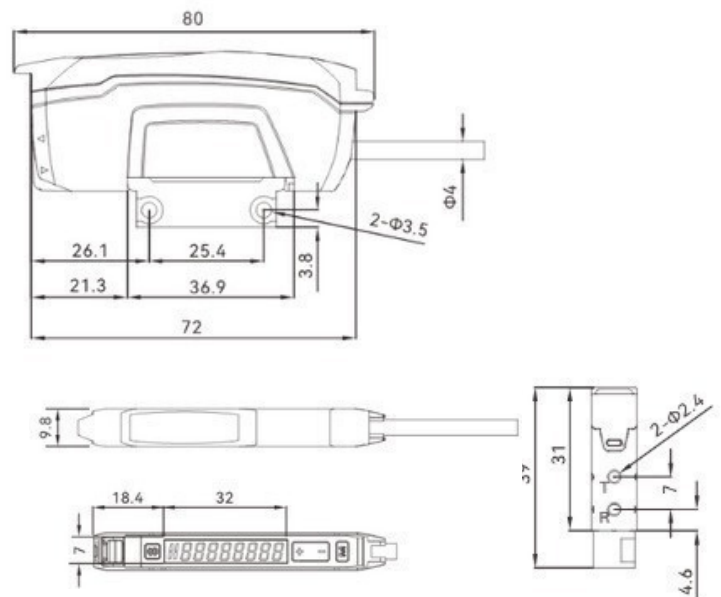


VXT/FCU-6KA

Fiber Optic

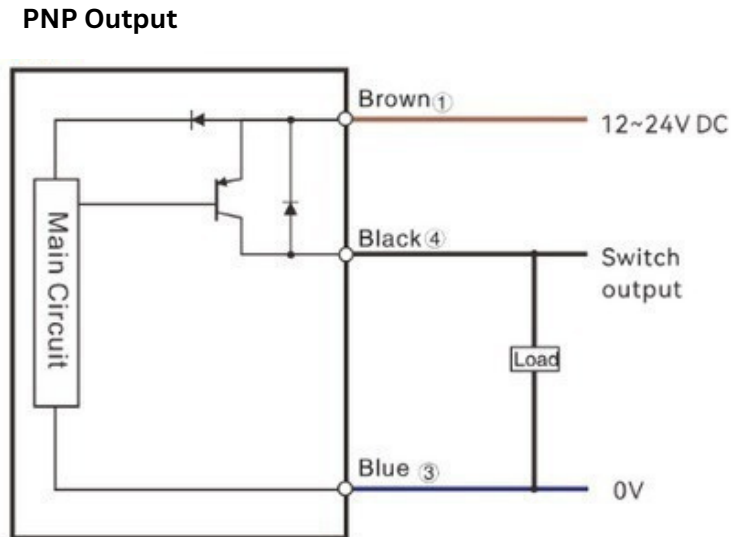


Working principle	Photoelectric sensor
Housing style	Slim block
Optical working principle	Depending on fiber
Light Source	Red LED 630nm(modulated)
Indicator lights	Operating status: Green LED, output status: red LED 7
Display Screen	sections 8-bit digital display (red: 4 bits, green: 4 bits)
Residual Voltage	<1.5V (100mA)

Technical data

Indicator light	Output Indicator Light: Orange Power Indicator Light: Green
Sensitivity Adjustment	Button setting Dark
Switch Mode	on/light on switch
Output Mode	PNP open collector
Response Time	160 us (1 - HS) / 320 us (2 - FS) / 960 us (3 - ST) / 1.92 (4 - LG) ms/ms 3.84(5- PL)
Switching frequency	≤6kHz
Material	PC
Operating Voltage	<1.5V (100mA)
Current consumption	≤40mA
Load Current	≤100mA (24VDC)
Insulation Resistance	≥20MΩ (500VDC) between power terminal and housing
Withstand Voltage	1000VAC (50/60Hz), 1 minute between the power terminal and housing
Protection Circuit	Polarity reversal protection/surge protection/short circuit protection
Delay Function	Turn-off delay, turn-on delay, turn-off delay, monopulse
Operating temperature	-20 ° C ~+50 ° C (without freezing)
Storage Humidity	35 to 95%RH (no condensation) Incandescent lamp: less than 3000
Ambient Illumination	lux/Sunlight: less than 10000 lux
Vibration Resistance	10~50Hz, double amplitude 1.5mm, 2 hours in each direction X, Y and Z
Protection rating	IP50
Connection Method	2M/3 Core Cable
Dimensions	9.8 x39.0 x80.0 mm
Weight	0.05kg

Connecting Diagram (PNP-NO)



1. Please connect the sensor as per above wiring diagram .
2. If the wires are not connected as per connection diagram shown above, the sensor may get defective or not work

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