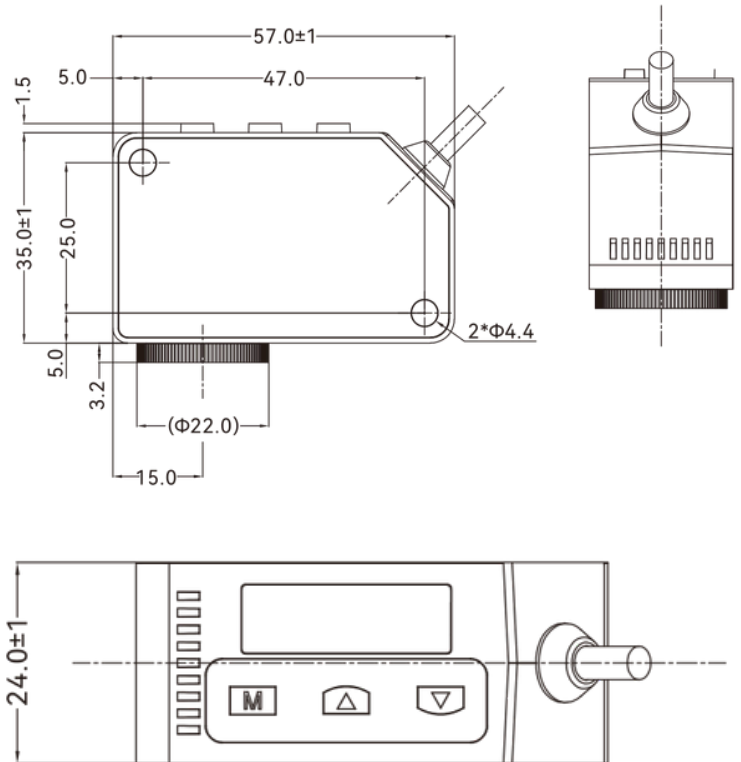


# VXT/CM-20PA

## Photoelectric Sensor

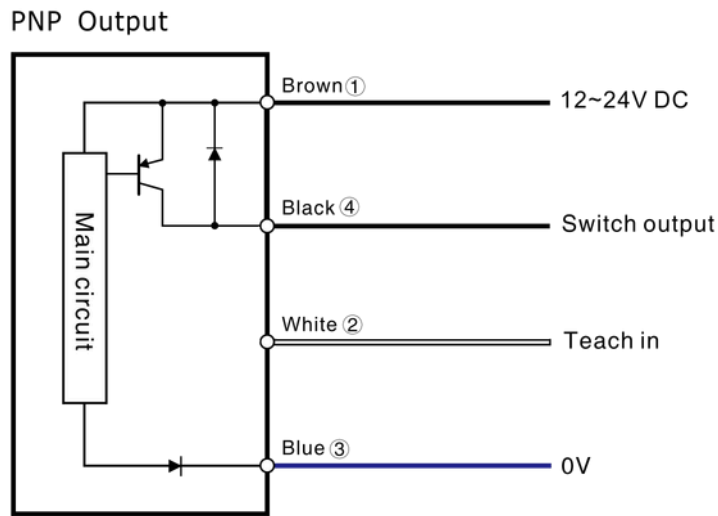


<b>Housing Style</b>	Square
<b>Load Current</b>	<50mA
<b>Response Time</b>	Color mark mode: 0.5ms; color mode: 2ms
<b>Residual Voltage</b>	<1.5V(load current<50mA)
<b>Spot Size</b>	1x5mm(Distance Setting:10mm)
<b>Detection Method</b>	Diffuse Reflection
<b>Switch Mode</b>	L.on(light entry action)/D.on(shading action) can be switched

## Technical data

Vibration Resistance	10~50Hz,1.5mm amplitude,2 hours each in the X,Y,and Z directions
Detection Distance	10mm±3mm
Projection Element	Red /Blue/green composite LED(projective wave peak wavelength:625nm/470nm/525nm)
Indicator	Output indicator: Red; Power LED: Green
Digital Screen	4-digit digital tube display
Working Voltage	12~24V DC±10%
Current Consumption	<35mA(24V)
Output Mode	PNP open collector
Ambient Illuminance	Incandescent lamp irradiation≤3000 Lux
Ambient Temperature	When working:-10°C~+55°C,no freezing; no condensation; When storing:-20°C~+70°C
Ambient Humidity	When working:35~85%RH,When storing:35~85%RH
Group Pulse	±2000V
Static Electricity	±8000V
Circuit Protection	Reverse polarity protection,short circuit protection
Protection Degree	IP67
Insulation Withstand Voltage	±1000V 50/60Hz 60s
Switching Frequency	<6khz
Hysteresis	5%
Material	PC
Maximum Tightening Torque	-
Connection Method	2m/3-core cable,φ 4mm
Dimensions	57*35*24mm
Weight	0.05kg

# Connecting Diagram (PNP-Output)



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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