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AE3JK-5DP1-5L

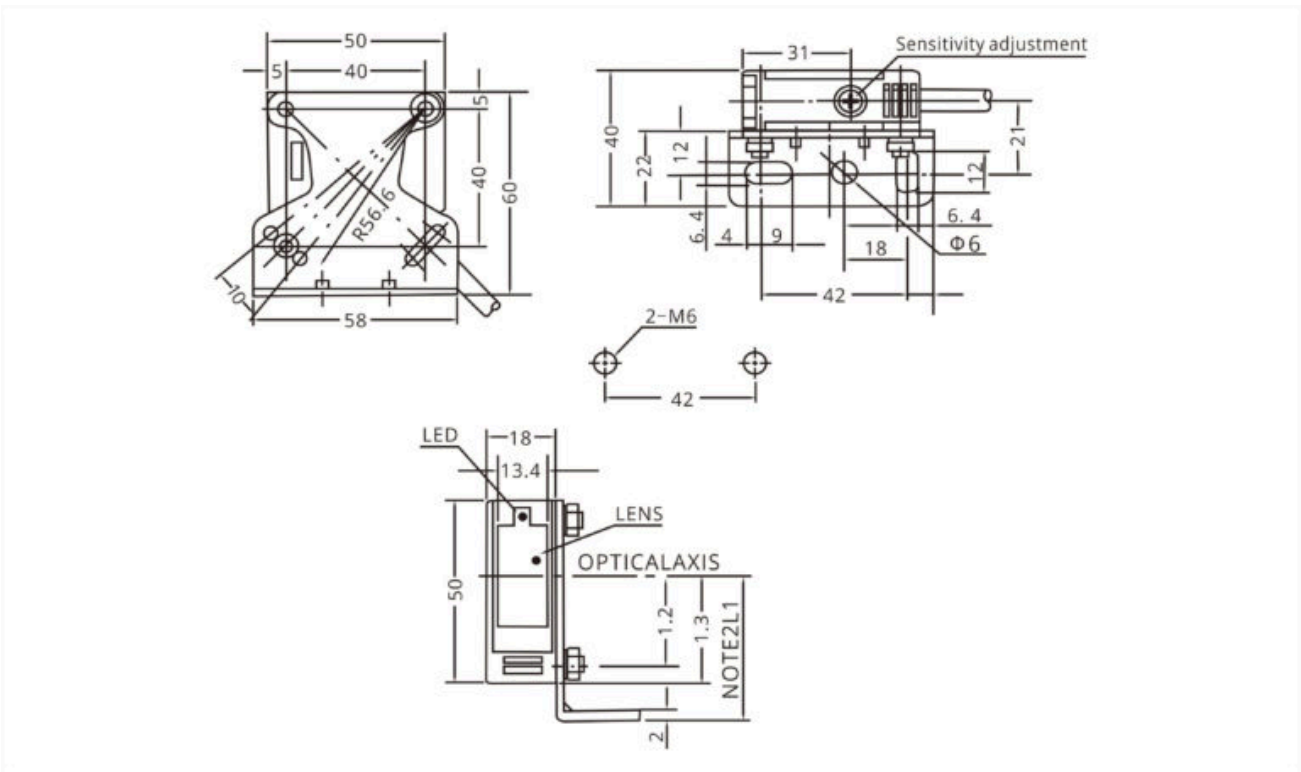
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类别 Through Beam Photoelectric Sensor (<https://www.omchsmpls.com/product-category/through-beam-photoelectric-sensor/>)

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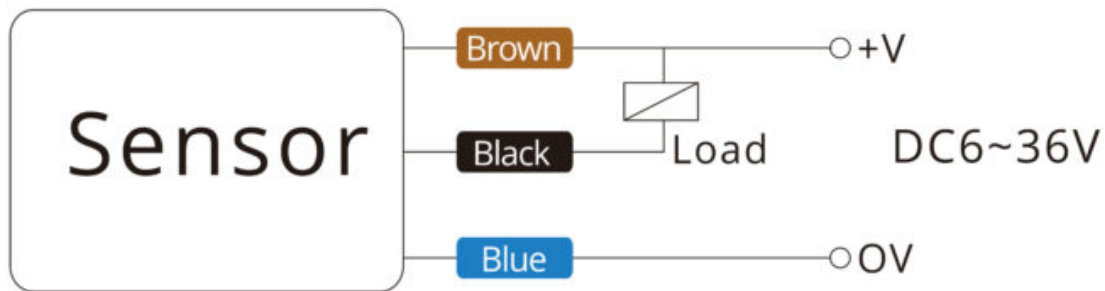
Type and Specification			
Type		Square type	
Dimension		18*50*50mm	
DC type	NPN	NO	AE3JK-5DN1-5L
		NC	AE3JK-5DN2-5L
		NO+NC	AE3JK-5DN3-5L
	PNP	NO	AE3JK-5DP1-5L
		NC	AE3JK-5DP2-5L
		NO+NC	AE3JK-5DP3-5L
AC type	Two-wire	NO	AE3JK-5DA1-5L
		NC	AE3JK-5DA2-5L
Relay output	DC illuminated	DC illuminated	AE3JK-5DM1-5L-D
	AC illuminated	AC illuminated	AE3JK-5DM1-5L-A
	DC non-illuminated	DC non-illuminated	AE3JK-5DM2-5L-A
	AC non-illuminated	AC non-illuminated	AE3JK-5DM2-5L-A
Detection range		5m±10%	
Detection target		Opaque object	
Detection range regulation		Fixed	

Type and Specification	
Response time	30ms
Response frequency	DC: 0.5kHz, AC: 25kHz
Delay distance	≤10% detection distance
Connection delay	1.5ms
Light source	Infrared light 660nm
Supply voltage	DC type: DC 12-24V (6-36V), Impulse (p-p) 10% below; AC type: AC 110-220V (90-250V) 50/60Hz; DC/AC type: DC 12-240V/AC 24-240V, 50/60Hz
Withstand voltage	AC1000V 50/60Hz 1min between charging part and housing
Voltage influence	Inside ±15% rated supply voltage range, at rated supply voltage value, inside ±10% detection distance
Power current	≤3VA
Control output	≤2A (contact service life: 0.1 million times)
Allowed impulsion and vibration	B≤30g, T≤11ms, f≤55Hz, a≤1mm
Ambient temperature & humidity	Operation temperature/storage temperature: -30~65°C (no freeze, no dew); Operation humidity/storage humidity: 35~95%RH
Temperature influence	Temperature range -30~65°C, at +23°C, ±15% detection distance; Temperature range -25~60°C, at +23°C, ±10% detection distance
Insulation impedance	≥50MΩ (DC500 megameter) between charging part and housing
Material	Housing: Aluminum die casting (ABS), Detection surface (lens): PMMA
Protection class	IP65
Cable length	2m



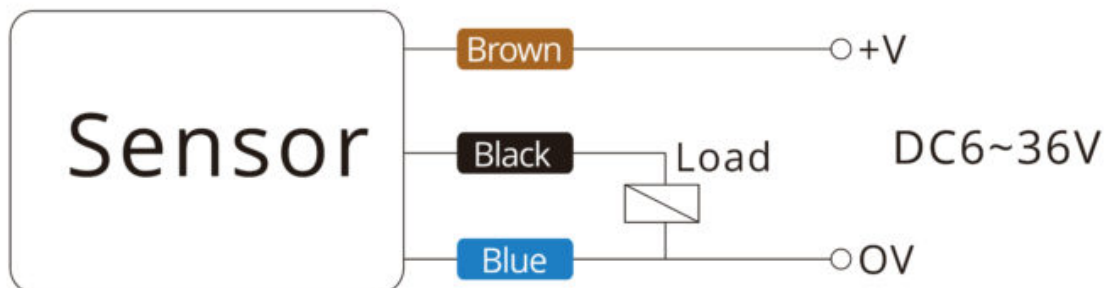
AE3JK-5DN1/N2-5L

1. DC 3-Wire NPN models NO or NC



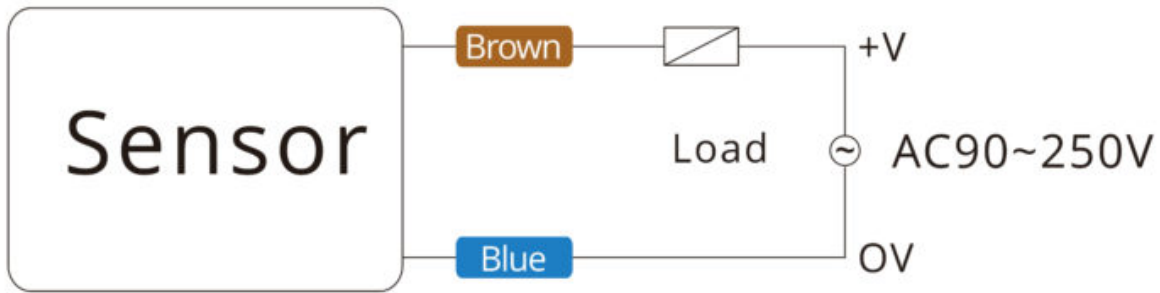
AE3JK-5DP1/P2-5L

2. DC 3-Wire PNP models NO or NC



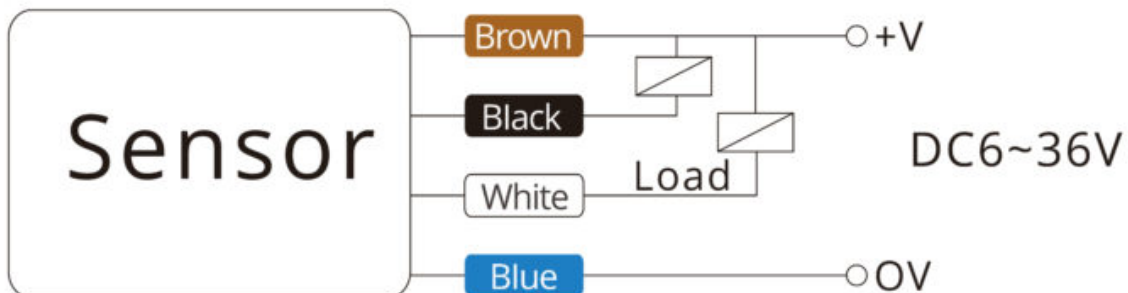
AE3JK-5DA1/A2-5L

4.AC 2-Wire models NO or NC



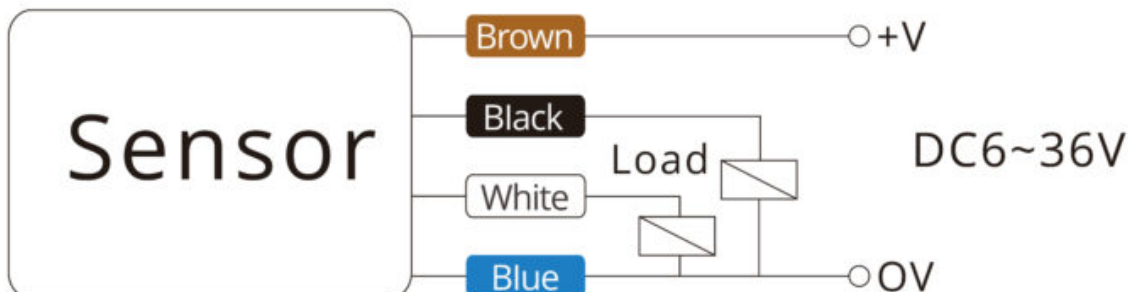
AE3JK-5DN3-5L

5.DC 4-Wire NPN models NO or NC



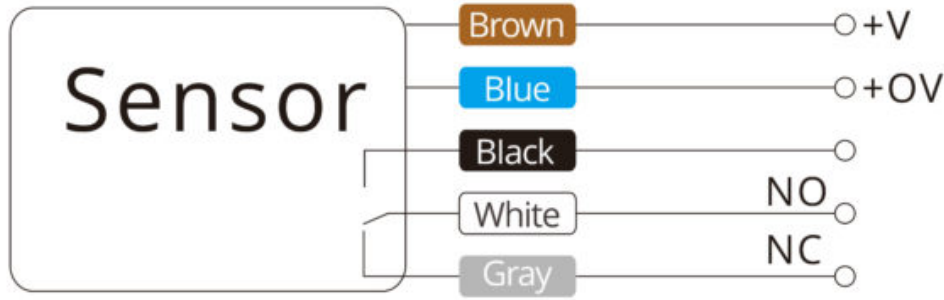
AE3JK-5DP3-5L

6.DC 4-Wire PNP models NO or NC



AE3JK-5DM1/M2-5L-D/A

7.AC/DC 5-wire(relay output) NO or NC



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BEN10M-TFR

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AE3F- 5DP1-5L-T

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