



(<https://www.omchsmpls.com/wp-content/uploads/2022/06/AE3F3-R4P1.jpg>)

AE3F3- R4P1

首页 (<https://www.omchsmpls.com>) / Retro Reflective Photoelectric Sensor

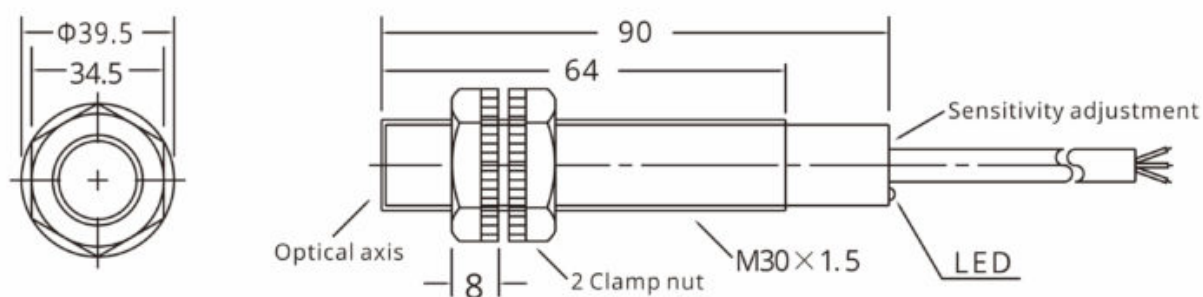
(<https://www.omchsmpls.com/product-category/retro-reflective-photoelectric-sensor/>) / AE3F3-R4P1

类别 Retro Reflective Photoelectric Sensor (<https://www.omchsmps.com/product-category/retro-reflective-photoelectric-sensor/>)

GET A QUOTE

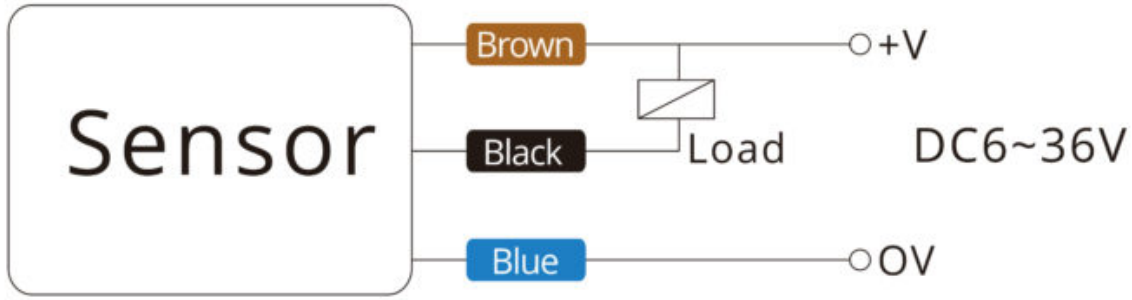
Type and Specification			
Type		Round type	
Dimension		M30*1.5	
DC type	NPN	NO	AE3F3-R4N1
		NC	AE3F3-R4N2
		NO+NC	AE3F3-R4N3
	PNP	NO	AE3F3-R4P1
		NC	AE3F3-R4P2
		NO+NC	AE3F3-R4P3
AC type	Two-wire	NO	AE3F3-R4A1
		NC	AE3F3-R4A2
Detection range		4m±10%	
Detection target		Opaque object	
Detection range regulation		Sensitivity controller	
Response time		1ms	
Connection delay		1.5ms	
Light source		Infrared light 660nm	
Power supply		DC type: DC 12-24V (6-36V), impulse (p-p) 10% below; AC type: AC 110-220V (90-250V) 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	
Consumption current		N/P type: ≤20mA, A type: ≤1.7mA	
Control output		N/P type: ≤200mA, A type: ≤200mA	
Loop protection		N/P/D type: reversal connection protection, surge absorption, load short-circuit protection, A type: surge absorption	

Type and Specification	
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: Nickel plated brass (ABS), Detection surface (lens): PMMA
Protection class	IP67
Cable length	2m



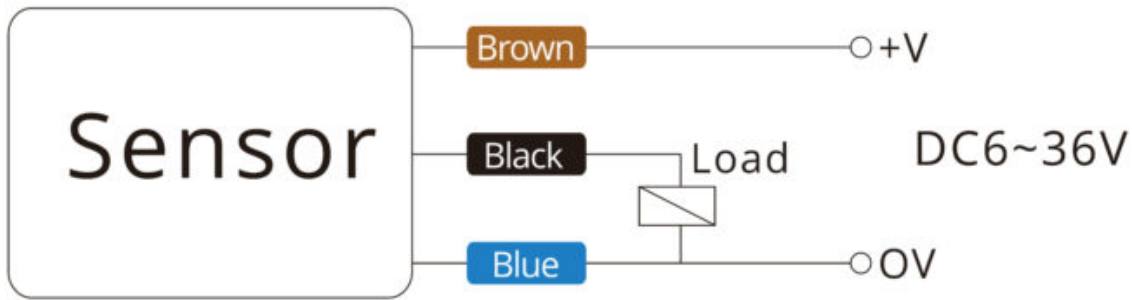
AE3F3-R4N1/N2

1. DC 3-Wire NPN models NO or NC



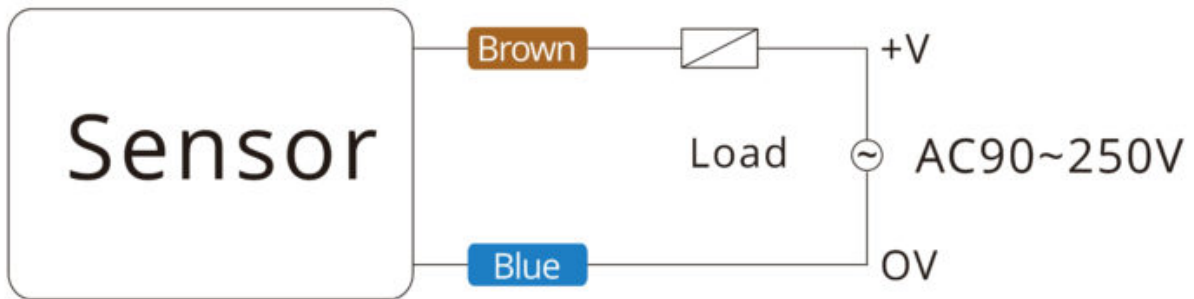
AE3F3-R4P1/P2

2. DC 3-Wire PNP models NO or NC



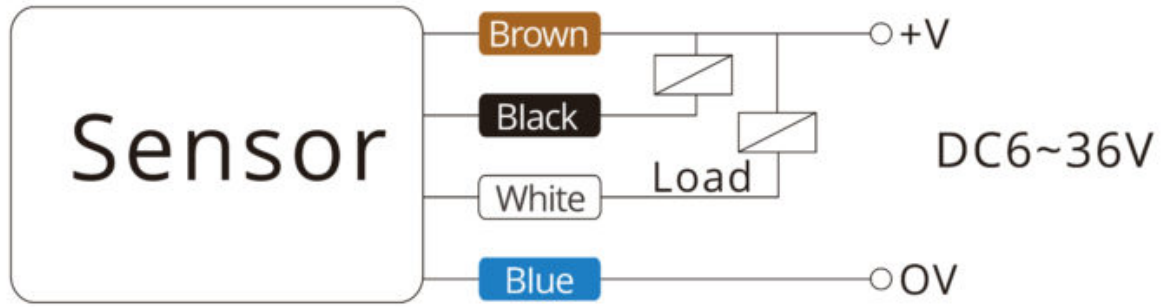
AE3F3-R4A1/A2

4. AC 2-Wire models NO or NC



AE3F3-R4N3

5.DC 4-Wire NPN models NO or NC



AE3F3-R4P3

6.DC 4-Wire PNP models NO or NC

