Model analysis



Serial number

Number of optical axes

Beam pitch

Optical synchronization

SF

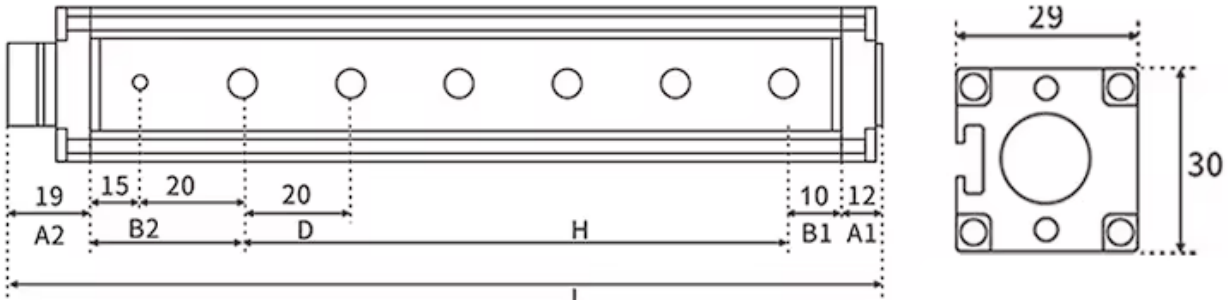
光轴数量

04
06
08
10
12
14
16
18
20
22

光轴间距 20mm	20
光轴间距 40mm	40

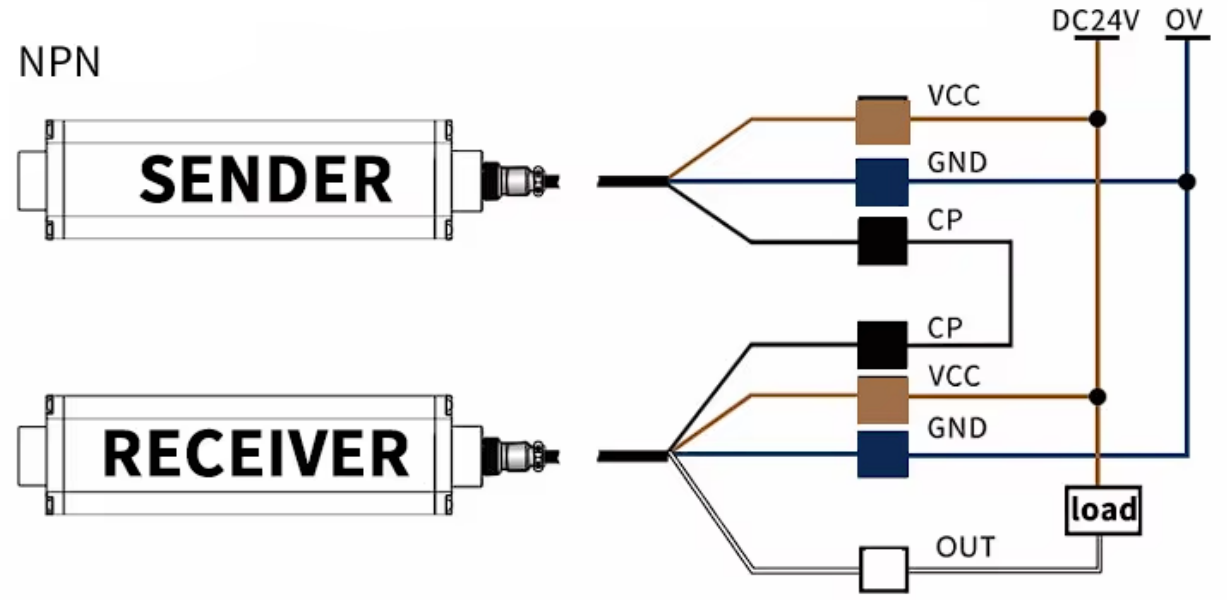
NPN常开	N1	NO
NPN常闭	N2	NC
PNP常开	P1	NO
PNP常闭	P2	NC

20mm



Wiring: (The black wire can be left unconnected without affecting the output)

NPN



Detection height:	60mm~1560mm	**Output current:**	200mA(NPN/PNP)
Shooting distance:	3 meters	**Working temperature:**	-10℃~55℃
Optical axis spacing:	20mm/40mm	**Maximum power:**	2.4W
Cross-sectional size:	30mm: 30mm	**Working humidity:**	0~95%RH
Working voltage:	DC12V/24V	**Response time:**	≤20ms
Infrared wavelength:	940nm	**Dielectric strength:**	AC1500V, 1min without breakdown or flash
Output signal：	NPN/PNP	**Synchronization method:**	Optical synchronization (point-by-point scanning)
Anti-light interference	10000Lux (angle of incidence ≥5°)	**Insulation resistance:**	>100MΩ

Output form	Output type	Grating state	Pilot lamp	Output status
NPN type	Always closed	Through light	Turn on the green light	Output OVDC
		Block the light	Turn on the red light	No output
	Often open	Through light	Turn on the green light	No output
		Block the light	Turn on the red light	Output OVDC