

JS series

- It is easy to set the detecting area by extension unit and corner unit.
- The usage expands further with the new method corner unit.



CORNER UNIT (JS-V29)



- The sensor is adopted in the corner unit.
- A careless invasion is not missed.
- The detection area can be flexibly enhanced

SPECIFICATIONS

Optical axis	20mm Axis pitch of both side of the center optical axis is 40mm.
Number of optical axis	9
Detecting object	φ30mm dia Detecting object is F50mm at the both side of the center axis.
About connected number	The corner unit becomes three units with as much as one peace.

LIGHT CURTAIN SENSORS

SPECIFICATIONS

Models		JS20 series				JS40 series		
		Main unit	Extension Unit	Main unit	Extension unit	Main unit	Extension unit	Main unit
		JS-T28(PN)	JS-T24(PN)	JS-T28(PN)	JS-T24(PN)	JS-T28(PN)	JS-T24(PN)	JS-T28(PN)
	Trns.	JS-TL28	JS-TL24	JS-TL24	JS-VL29	JS-TL44	JS-TL42	JS-TL42
	Rcvr.	JS-TR28(PN)	JS-TR24(PN)	JS-TR24	JS-VR29	JS-TR44(PN)	JS-TR42	JS-TR42
Detection Range		Through beam 5m Max.						
Obj. resolution (Min.)		φ30mm Opaque object				φ50mm Opaque object		
Optical axis pitch		20mm				40mm		
No. of optical axis		8	4	4	8	4	4	8
Max. optical axis		96				48		
Max. connecting unit						23		
Detecting width		140mm (8 optical axis) ~ 1900mm (96 optical axis) JS20 series only (Extension)				120mm (4optical axis)~ 1880mm (48 optical axis) JS40 series only (Extension)		
Power supply		12-24VDC ±10%, Ripple 10%(Max.)						
Current consumption		120mA(Max.)	20mA(Max.)	120mA(Max.)	20mA(Max.)	120mA(Max)	20mA(Max.)	120mA(Max.)
Detection Range		NPN open collector output						
Obj. resolution (Min.)		Sink current 100mA, DC30V(Max.)						
Optical axis pitch		PNP open collector output						
No. of optical axis		Source current 100mA, DC30V(Max.)						
Output mode		All light axis Light-On: Output transistor ON, One light axis obstructed: Output transistor OFF						
Rating		30ms(Max.)						
Output mode		Red LED (850nm)						
Rating		(PNP) Photo diode						
Operating mode		NPN open collector output						
Response time		Sink current 100mA, DC30V(Max.)						
		PNP open collector output						
		Trns.	Run (Green), Slave (Orange), Light-On (Green), Operating (Red)					
		Rcvr.	Run (Green), Light-On (Orange), Operating (Red)					
Case material		Case : ABS, Lens : Acrylic						
Connection		Main unit : 4P connector						
Incidental function		Automatic sensitivity compensation function, Interference protection, Output short circuit protection equipment						
Accessories		Ball point driver 1pce (Main unit only), Bracket, Handling description						

DIMENSIONS

