

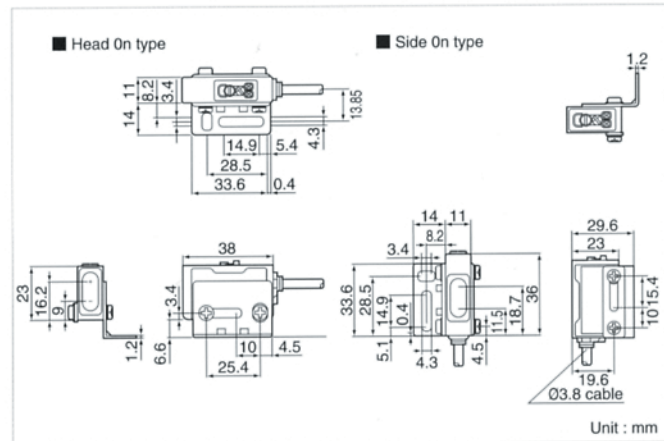
J series

IP67g (JEM) for perfect water-tightness. Epoxy resin filled sensor housing prevents moisture and humidity from entering.



100G rigid structure proves mechanical tightness
J series common shape

Dimensions



Specifications

Type			J Series									
			Thru-beam		Retro-reflective		Diffuse Reflective		Limited Distance - Convergent		Wide Angle - Divergent	
			Top Sensing	Side Sensing	Top Sensing	Side Sensing	Top Sensing	Side Sensing	Top Sensing	Side Sensing	Top Sensing	Side Sensing
Model Number	Cable Type	NPN	JT-H1000N	JT-S1000N	JR-H300N	JR-S300N	JD-HR80N	JD-SR80N	JD-HL03N	JD-SL03N	JD-HW08N	JD-SW08N
		PNP	JT-H1000P	JT-S1000P	JR-H300P	JR-S300P	JD-HR80P	JD-SR80P	JD-HL03P	JD-SL03P	JD-HW08P	JD-SW08P
	M8 QD Type	NPN	JT-H1000CN	JT-S1000CN	JR-H300CN	JR-S300CN	JD-HR80CN	JD-SR80CN	JD-HL03CN	JD-SL03CN	JD-HW08CN	JD-SW08CN
		PNP	JT-H1000CP	JT-S1000CP	JR-H300CP	JR-S300CP	JD-HR80CP	JD-SR80CP	JD-HL03CP	JD-SL03CP	JD-HW08CP	JD-SW08CP
Sensing Range			10 meter		3 meter		800 mm		20 - 50 mm		80 mm	
Hysteresis			NIL		NIL		20 % max.		20 % max.		20 % max.	
Supply Voltage			10 ~ 30 VDC incl. 10% ripple									
Current Consumption			Emitter: 20mA, Receiver: 15mA		20 mA max.							
Response Time			0.5 msec. Max.									
Control Output			NPN or PNP Open Collector Transistor, 100 mA / 30 VDC Max.									
Operation Mode			Selectable Light-On or Dark-On operation									
Light Source			Red LED									
Sensitivity Adjustment			Two turn potentiometer									
Indicators			Output (Orange), Stability (Green)									
Regulation			JIS, C4525, CE, UL									
Ambient Temperature			Operation: -25° to +55°C									
Ambient Humidity			35 - 85% RH									
Storage Conditions			Storage: -40° to +70°C, 35 - 95% RH									
Light Immunity			Sunlight: 10,000 lux, Incandescent Lamp: 3,000 lux									
Vibration Resistance			10 - 55 Hz., amplitude 1.5mm									
Shock Resistance			100 G									
IP Protection			IEC 144 IP67, JEM IP67g									
Material			Case: PBT, Lens: PC									
Accessories			Mounting Bracket		Mounting Bracket Reflector #V-61		Mounting Bracket		Mounting Bracket		Mounting Bracket	

Note: Cables are not included with the QD sensor, please order separately.