

Perfectly Water-Proof Sensor

J series 20 types

For details refer this catalogue

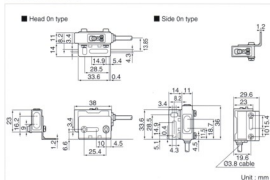


IP67g (JEM) of perfect water-tightness. Epoxy resin fully injected inside the housing, and never allow water and humid sink inside.

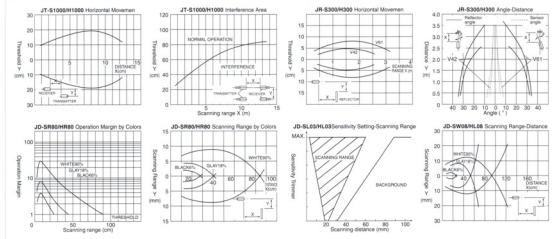


100G rigid structure proves mechanical tightness
J series common shape

Dimensions



Typical Characteristics (Examples)



Specifications

	Through-beam	Retro-reflection	Diffused reflection	Limited range (convergent)	Wide angle (divergent)
Cable type	NPN / PNP	JT-H(S)1000N / H(S)1000P	JR-H(S)300N / H(S)300P	JD-H(S)80N / H(S)80P	JD-H(S)1000N / H(S)1000P
MB connector type	NPN / PNP	JT-H(S)1000N / H(S)1000P	JR-H(S)300N / H(S)300P	JD-H(S)80N / H(S)80P	JD-H(S)1000N / H(S)1000P
Scanning range	10m	3m	0.5msec Max	2 - 5cm	8cm
Response			Light on / Dark on switchover	20% Max	Infrared
Mode		NIL			
Hysteresis					
Light source			Red		
Control output			NPN or PNP Open collector, 100mA Max / 30V DC		
Supply voltage			DC 10 - 30V incl. 10% ripple		
Regulation			JIS / C4525, CE, UL		
Power consumption	Emitter:20mA, Receiver 15mA			20mA Max	
Sensitivity adjustment				2-turn trimmer, Light / Dark On switchover	
Indicator				2 indicator, Output (Orange), Stable (Green)	
Protection				IEC 144 IP67, JEM IP67g	
Shock resistance				100G (1000m/s ²), X-Y-Z 3ways	
Environment illuminance				Sunlight : 10,000 lux max., Incandescent lamp : 3,000 lux max.	
Materials				PBT (Case), PC (Lens)	

● Specifications are subject to change without prior notice for improvement.