

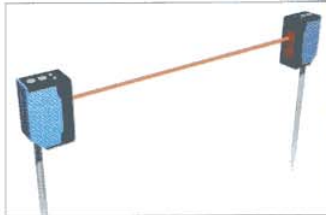
for Any type of conveyors

Z series

Fully loaded with functions and toughness at low cost.

100G shock resist; covers most tough applications.

Through-Beam type



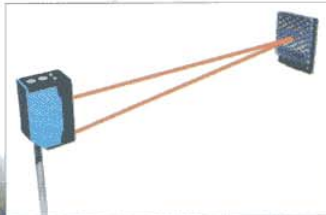
ZT-1200N / ZT-1200P
ZT-1200CN / ZT-1200CP

Convergent type



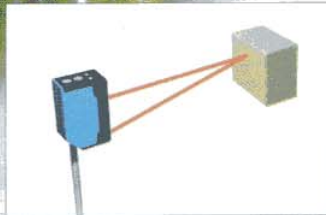
ZD-L09N / ZD-L09P
ZD-L09CN / ZD-L09CP

Retro Reflection type

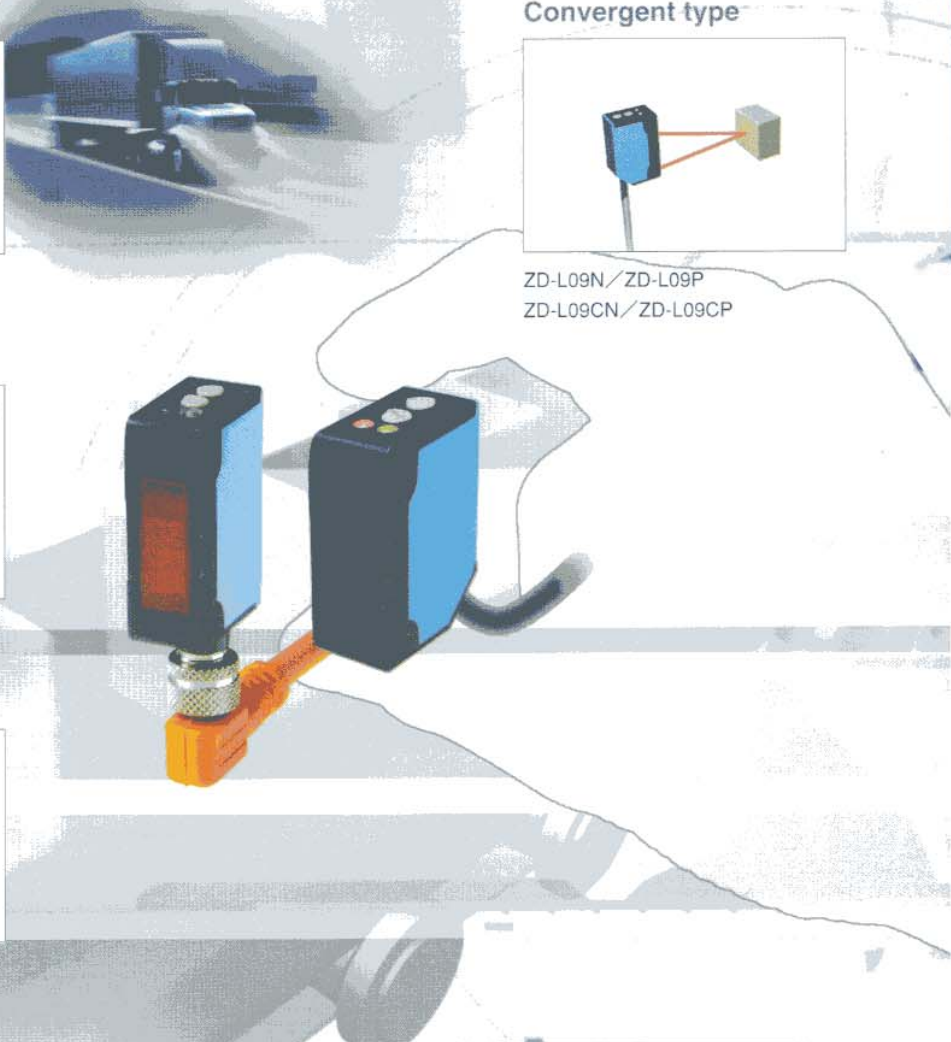


ZR-350N / ZR-350P
ZR-350CN / ZR-350CP

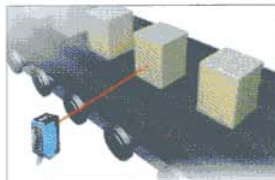
Diffuse type



ZD-70N / ZD-70P
ZD-70CN / ZD-70CP



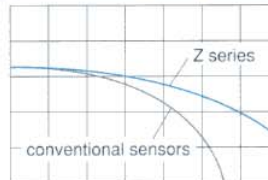
Features



Fully laden functions and toughness with low cost. 100G jumps over clattering and shaky job site.



Hose it down! Water-tightness is tested to IP67.



Power consumption: 20mA
Less burden to LED gives it the longest lifetime among this kind of sensor class.



Built-in screw hole. Preventing sensor from being damaged when it's mounted.



World Standard

One product for the whole world

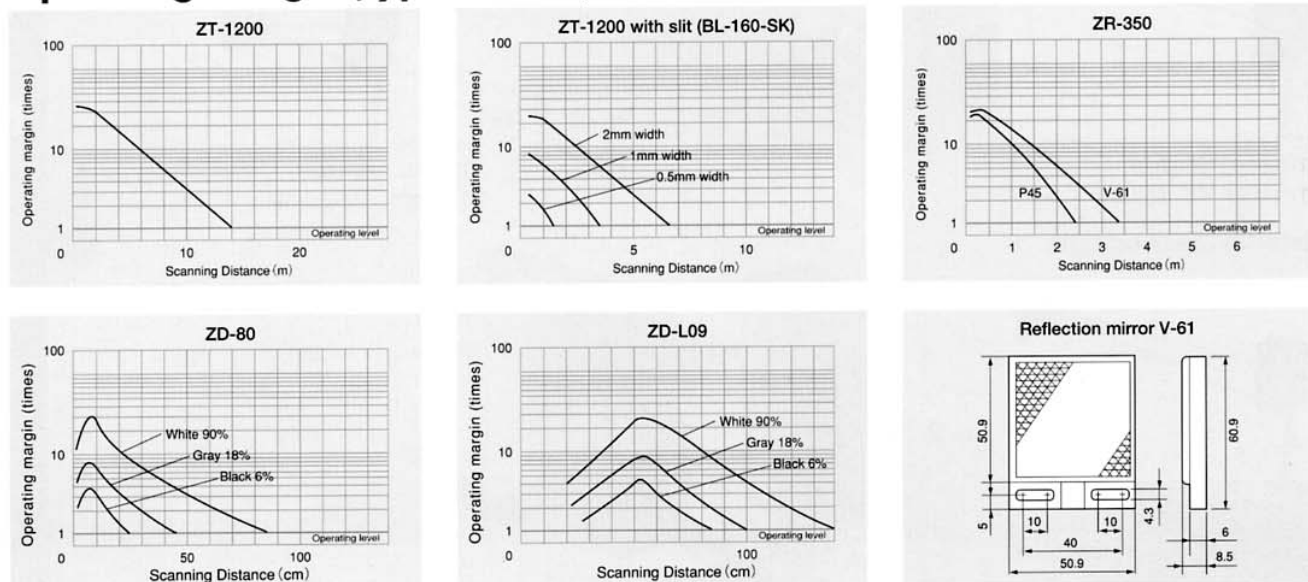


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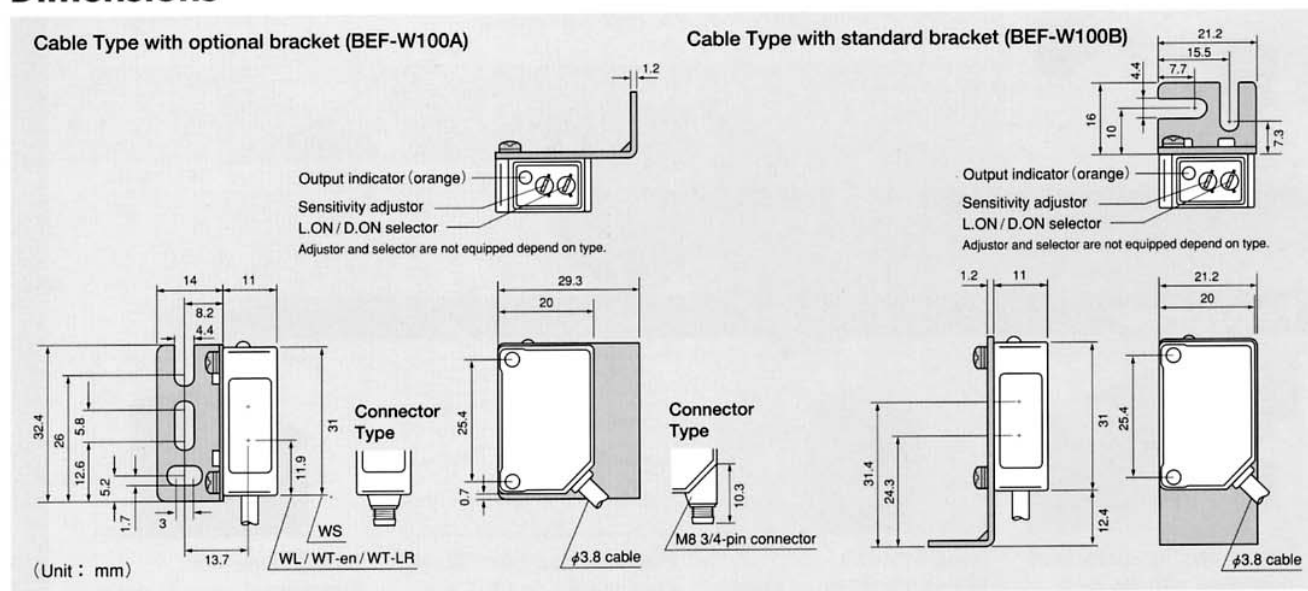
Specifications

Model	Through-Beam	Retro Reflection	Diffuse	Convergent
Cable Type NPN	ZT-1200N	ZR-350N	ZD-70N	ZD-L09N
ditto PNP	ZT-1200P	ZR-350P	ZD-70P	ZD-L09P
Connector type NPN	ZT-1200CN	ZR-350CN	ZD-70CN	ZD-L09CN
ditto PNP	ZT-1200CP	ZR-350CP	ZD-70CP	ZD-L09CP
Scanning Range	12 meter	3.5 meter	70 cm	1-9 cm
Power consumption	20mA Max			
Operation Mode	Light-On / Dark-On switchover.			
Response	0.5 msec			
Hysteresis	NIL	NIL	20%	10%
Spot Size	1.5m @ 12 meter	350mm round @ 3.5 meter	100mm round @ 700mm	12mm round @ 90mm
LED	RED LED			
Supply voltage	DC10 - 30V incl. 10% ripple			
Control output	NPN or PNP open collector, 100mA / DC30V max, 1.8V / 100mA Max.			
Sensitivity adjustment	Single turn trimmer			
Shock resistance	100G			
Water Protection	IP67			
Ambient temp.	-25 to 55 C			
Storage temp.	-40 to 70 C			
Case	ABS			
Lens	PMMA			
Conformity	CE, CRU, (CUL listed)			

Operating margin (typical data)



Dimensions



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