

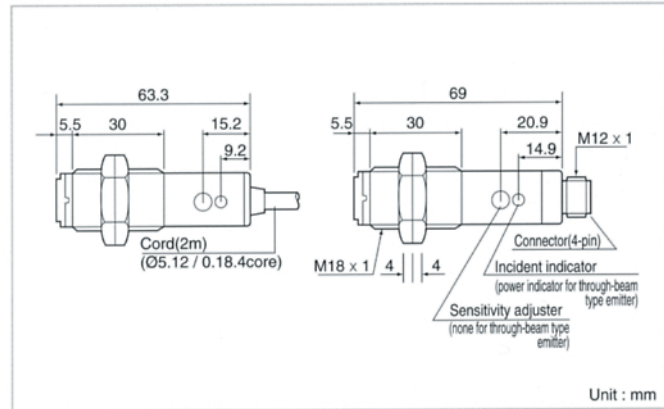
C series

M18 threaded metal housing is filled with epoxy, sensor is able to withstand shock and vibration.



Brass-Nickel metal housing, tough to corrosion.

Dimensions



Specifications

Type			C Series				
			Thru-beam	Retro-reflective	Retro-reflective w/ Polarizing Filter	Diffuse Reflective	Diffuse Reflective
Model Number	Cable Type	NPN	CTD-1500N	CRD-300N	CRDF-100N	CDD-11N	CDD-40N
		PNP	CTD-1500P	CRD-300P	CRDF-100P	CDD-11P	CDD-40P
	M12 QD Type	NPN	CTD-1500CN	CRD-300CN	CRDF-100CN	CDD-11CN	CDD-40CN
		PNP	CTD-1500CP	CRD-300CP	CRDF-100CP	CDD-11CP	CDD-40CP
Sensing Range			15 meter	0.05 ~ 3 meter	0.05 ~ 1 meter	110 mm	400 mm
Hysteresis			-----	-----	-----	10% max.	10% max.
Supply Voltage			10 ~ 30 VDC incl. 10% ripple				
Current Consumption			40 mA max.	30 mA max.			
Response Time			1.5 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			Infrared LED	Red LED	Infrared LED		
Sensitivity Adjustment			Single turn potentiometer				
Regulation			JIS/C4525, CE				
Indicators			Single Output Indicator (Red), Power indicator on Emitter of Thru-beam				
Ambient Temperature			Operation: -25° to +55°C				
Ambient Humidity			35 - 85% RH				
IP Protection			IEC 144 IP66				
Shock Resistance			50 G (500 m/s), X-Y-Z 3 ways				
Environment Illuminance			Sunlight: 10,000 lux, Halogen Lamp: 3,000 lux				
Material			BSBM + Ni case, PC lens				
Accessories			-----	Reflector # V-61			-----

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