

# Data sheet

Sensing type	Through-beam type(cross beam)
Sensing distance	1 to 7m
Light source	Infrared LED(850nm modulated)
Optical axis pitch	40mm
Number of optical axes	18
Sensing height	680mm
Power supply	12-24VDC $\pm$ 10%(ripple P-P: max. 10%)
Control output	NPN open collector
Operation mode	Light ON
Environment_Ambient illumination	Ambient light: Max. 100,000lx(receiver illumination)
Environment_Ambient temperature	-10 to 55°C, storage: -20 to 60°C
Connection type	Cable connector type(Ø5, 300mm, M12)
Protection structure	IP67(IEC standard)
Environment_Ambient humidity	35 to 85% RH, storage: 35 to 85% RH
Min. sensing target	Opaque material of min. Ø50mm
Response time	Max. 50ms
Material	Case: Aluminum, Sensing part and indicator: Acrylic
Cable specification	Ø5mm, 4-wire, 300mm, M12 connector
Accessories	Bracket A: 4, Bracket B: 4, Fixing bolt: 8
Weight	Approx. 2.1kg(approx. 1.7kg)(based on BWC80-14H)