

# Data sheet

Sensing type	Through-beam type(direct beam)
Sensing distance	0.1 to 7m
Light source	Infrared LED(850nm modulated)
Optical axis pitch	40mm
Number of optical axes	14
Sensing height/Total length	520/560mm
Power supply	12-24VDC $\overline{\text{---}}$
Control output	NPN open collector
Operation mode	Light ON
Environment_Ambient illumination	Ambient light: Max. 10,000lx(receiver illumination)
Environment_Ambient temperature	-10 to 55°C
Connection type	Cable connector type( $\varnothing$ 5, 300mm, M12)
Protection structure	IP65
Environment_Ambient humidity	35 to 85% RH, storage: 35 to 85% RH
Min. sensing target	Opaque material of min. $\varnothing$ 50mm
Response time	Max. 10ms
Material	<ul style="list-style-type: none"><li>▪ Case: Aluminum</li><li>▪ Front cover, sensing part: Acrylic</li></ul>
Cable specification	$\varnothing$ 5mm, 4-wire, 300mm, M12 connector
Accessories	Bracket A: 4, Bracket B: 4, Fixing bolt: 8
Weight	BW40-24: Approx. 2.1kg(approx. 1.4kg)