EQ-30

Unaffected by color or material, 2m distance adjustable fixed-focus sensing

Features

- **Not affected by object color or background**
- **Long sensing range 2m**
- **Compact size**

The **EQ-30** saves space since a miniaturized housing of 68x20x40mm (HxWxD) has been designed.

- **Plug-in connector type**

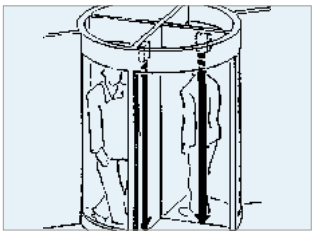
The plug-in connector type (M12) of the EQ-30 series can be easily disconnected for replacement.

Technical specifications

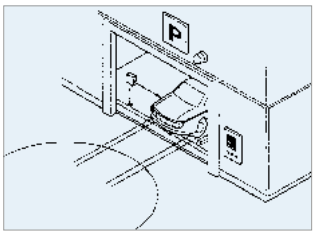
Type		Diffuse
Model no.	NPN output	EQ-34 (J) (note)
	PNP output	EQ-34PN (J)
Rated sensing distance		2.0m
Sensing range		0.1-2m
Detectable target		Transparent and opaque material
Hysteresis		Max. 10% of measurement
Response time		Max. 2ms
Supply voltage		10 to 30V DC ± 10%
Output		PNP / NPN open-collector transistor, max. 100mA
Emitting element		Infrared LED
Rated current consumption without load		NPN type: 50mA PNP type: 55mA
Material		Plastic
Protection		IP67 (IEC)
Ambient temperature		–20 to +55°C
Connection method		Cable 2m or M12 connector
Dimensions (HxWxD)		68x20x40mm
Accessories		Screwdriver, 1 pc.

Note: Suffix J = M12 connector type

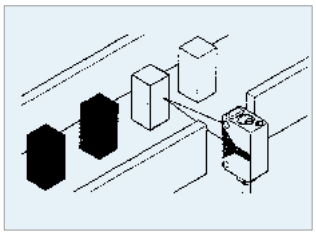
Typical applications



Long distance sensing



Object detection



Color-independent detection