

EX-22A

Industrial automation components

Manufacturer	Panasonic
Catalog number	ex-22a
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Sensing Range	5 to 160 mm
Supply Voltage	12 to 24 V DC
Output Type	NPN open-collector transistor
Response Time	0.5 ms or less
Protection Rating	IP67

Description

The Panasonic EX-22A is an ultra-compact photoelectric sensor from the EX-20 Ver.2 series, designed for precise object detection in industrial automation applications. This sensor utilizes a diffuse reflective sensing method with side sensing capabilities, enabling it to detect objects within a range of 5 to 160 mm. It is suitable for sensing opaque, translucent, or transparent objects, making it versatile for various industrial environments. The sensor operates on a supply voltage of 12 to 24 V DC and features an NPN open-collector transistor output, with a maximum sink current of 50 mA. Its response time is 0.5 ms or less, ensuring rapid detection. The EX-22A is housed in a durable enclosure with an IP67 rating, providing protection against dust and water ingress, and is capable of withstanding ambient temperatures ranging from -25°C to +55°C. This sensor is ideal for applications requiring compact size and reliable performance in harsh conditions.