MICS3-AAAZ40BZ1P01

Industrial automation components

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Manufacturer	Sick
Catalog number	mics3-aaaz40bz1p01
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	SICK
Part Number	MICS3-AAAZ40BZ1P01
Product Type	Safety Laser Scanner
Protective Field Range	4 meters m
Number of Fields	4
Scanning Angle	275°
Resolution Options	30 mm, 40 mm, 50 mm, 70 mm, 150 mm, 200 mm
Angular Resolution	0.39°
Response Time	70 ms
Housing Material	Aluminum
Protection Rating	IP65

Description

The SICK MICS3-AAAZ40BZ1P01 is a microScan3 Core safety laser scanner designed for precise area monitoring in industrial environments. It features a protective field range of 4 meters and can simultaneously monitor up to four fields, making it suitable for applications requiring multiple safety zones. The scanner offers a scanning angle of 275° with configurable resolution options of 30 mm, 40 mm, 50 mm, 70 mm, 150 mm, and 200 mm, allowing for adaptable detection capabilities. With an angular resolution of 0.39° and a response time of 70 ms, it ensures rapid and accurate detection of objects within its monitoring area. The device is housed in a robust aluminum enclosure with an IP65 protection rating, ensuring durability and reliability in harsh industrial settings. It operates

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within an ambient temperature range of –10 °C to +50 °C and is designed to withstand vibrations and shocks, adhering to IEC standards. The MICS3-AAAZ40BZ1P01 is equipped with a male M12 connector for power supply and outputs, facilitating easy integration into existing systems. Its integrated configuration memory allows for efficient setup and diagnostics, streamlining the deployment process. This safety laser scanner is ideal for applications in robotics, automation, and packaging machinery, where precise and reliable area monitoring is essential.