AMS-M-348

Industrial automation components

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Manufacturer	Siemens
Catalog number	ams-m-348
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Measurement Range	0.2 to 200 meters m
Accuracy	±2 mm
Interface	PROFINET
Housing Material	Metal
Dimensions	84 x 166.5 x 159 mm

Description

The Siemens AMS-M 348 is an advanced optical laser measurement system designed for precise distance measurement applications in industrial automation. This device utilizes the time-of-flight principle, emitting laser light that reflects off a target and returns to the sensor, enabling accurate distance calculations.

The AMS-M 348 offers a measurement range of up to 200 meters, with high accuracy and reproducibility, making it ideal for position control and monitoring tasks. It features a PROFINET interface for seamless integration into industrial networks, supporting data transmission rates up to 100 Mbit/s.

The system is housed in a robust metal enclosure measuring 84 mm in width, 166.5 mm in height, and 159 mm in length, ensuring durability in demanding environments. Its compact design allows for flexible mounting options, and the device operates efficiently within a wide temperature range, accommodating various industrial settings.

The AMS-M 348 is suitable for applications requiring precise distance measurements, such as material handling, robotics, and automated inspection systems.

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