

SIMATIC MACHINE VISION SYSTEMS

Product Data Sheet

6GF3440-1CD10

SIMATIC MV440 stationary code reader

FUNCTION SIMATIC MV440 stationary code reader	FAMILY SIMATIC machine vision systems	ORIGIN Germany	WEIGHT Confirm before dispatch
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Siemens Simatic S7 6GF3440-1CD10 is a SIMATIC MV440 stationary code reader for the SIMATIC machine vision systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	6GF3440-1CD10
Product Class	Simatic Mv440 Stationary Code Reader
Product Family	SIMATIC machine vision systems
Image Sensor	1/3-inch CCD
Image Resolution	640 × 480 pixels
Shutter Type	Global shutter
Ethernet Interface	M12 D-coded with PoE
Serial Interface	RS 422, M12 8-pin
I/O Interface	5 digital inputs / 5 digital outputs
Status Indication	5 front LEDs

ADDITIONAL PRODUCT DATA

Protection Class	IP67
Operating Temperature	0 to +50 °C
Code Types	1D and 2D machine-readable codes
Trigger Mode	Digital input / communication trigger

OFFICIAL APPLICATIONS

- Track test-stand control with Simatic Mv440 process control: As part of the load actuators and measurement channels, 6GF3440-1CD10 handles its designated signal or control duty as a SIMATIC MV440 stationary code reader. During test-point transition, the system uses this function to move the test article through commanded operating points, helping it capture comparable results at each condition.
- Regulate aeration control during changing oxygen demand: Across the blowers and dissolved-oxygen loops, 6GF3440-1CD10 provides its specified system function as a SIMATIC MV440 stationary code reader. During changing oxygen demand, the system uses this function to adjust air delivery from process feedback, helping it stabilize treatment performance.
- Govern conveyor routing with Simatic Mv440 process control: In the automation chain for the zone conveyors and merge points, 6GF3440-1CD10 provides its specified system function as a SIMATIC MV440 stationary code reader. During route change, the system uses this function to coordinate destination data with equipment permissives, helping it move the item to the assigned process.

SYSTEM COMPATIBILITY

Match 6GF3440-1CD10 to the installed SIMATIC machine vision systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official product documentation and manufacturer catalog](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6GF3440-1CD10>

AMIKON PRODUCT SUPPORT

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