

INDUSTRIAL COMPONENT DATA

FH-5050 FH 0069G FH5050 OMRON Handler FH of the high-speed/high-performance 4-core, NPN/PNP, 2 cameras

Brand: OMRON | Manufacturer Part Number: FH-5050



Manufacturer	OMRON
MPN / Reference	FH-5050
Catalog number	FH5050
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-3312A0A614
Generated	2026-08-06

Product Overview

Handler FH of the high-speed/high-performance 4-core, NPN/PNP, 2 cameras

FH high-speed / high performance controller 4-core, NPN/PNP, 2 cameras

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path OMRON > Vision Systems > XPECTIA FZ

Additional Product Information

Specifications

Performance Very high

Processor family Intel® Core™ i7

Memory 8 GB RAM (non ECC)

AI Scratch detection filter

AI FineMatching

Number of cameras 2

Integrated monitor

Communication port(s) EtherCAT Slave, EtherNet/IP, Ethernet TCP/IP, PROFINET Slave, Serial RS-232C, USB

Output type PNP/NPN

Accessories

FH-MT12 Vision system FH touch panel monitor 12-inch

FH-UMAI1 AI filter installer for FH controller. USB license key dongle

FH-VM DA 2M Vision system accessory FH conversion cable monitor DVI-RGB 2 m

FH-VMDB 5M Vision system accessory FH conversion cable monitor DVI-RGB 5 m

FH-VUAB 2M Vision system accessory FH USB cable touch panel 2 m

FH-VUAB 5M Vision system accessory FH USB cable touch panel 5 m

FH-XDM-L FH-L DIN rail mounting bracket

GX-JC03 3-port EtherCAT Junction module, 24 VDC power supply

GX-JC06 6-port EtherCAT Junction module, 24 VDC power supply

HMC-SD291 2 GB SD memory card

HMC-SD491 4 GB SD memory card

W4S1-03B 3-port basic Ethernet switch

W4S1-05D 5-port enhanced Ethernet switch

XW2Z-200EE Parallel I/O cable for terminal block XW2R-_34G-T, 2 m

XW2Z-S013-2 Parallel I/O cable, 2m, for FH series only

XW2Z-S013-5 Parallel I/O cable, 5m, for FH series only

ETIM for 684333 Sensors (EC004672)

Feature Name

Feature Value

Voltage type (EF000187)

DC

Model (EF000010)

Control unit

Type of interface (EF006977)

Other

Number of outputs, signalling function, undelayed, with contact (EF003348)

0

Width (EF000008)

115 mm

Height (EF000040)

190 mm

Number of outputs, signal...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / FH-5050 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.