

INDUSTRIAL COMPONENT DATA

FH-2051 FH 0126M FH2051 OMRON FH medium speed & performance controller 2-core, NPN/PNP, 2 cameras, W10 IoT E..

Brand: OMRON | Manufacturer Part Number: FH-2051



Manufacturer	OMRON
MPN / Reference	FH-2051
Catalog number	FH2051
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-EFF709D38D
Generated	2026-08-02

Product Overview

FH medium speed & performance controller 2-core, NPN/PNP, 2 cameras, W10 IoT Enterprise LTSC 2019 64bit

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

PerformanceMediumProcessor familyIntel® Celeron®Operating systemWindows 10 IoT Enterprise 2019 LTSC - 64 bitMemory8 GB RAM (non ECC)AI Scratch detection filterAI FineMatchingNumber of cameras2Integrated monitorCommunication port(s)EtherCAT Slave, EtherNet/IP, Ethernet TCP/IP, PROFINET Slave, Serial RS-232C, USBOutput typePNP/NPNApplication2D Robot guidance, AI fine matching, Bead inspection, Code reading, Code verification, Color inspection, Counting, Defect inspection, Measurement inspection, OCR / OCV, Presence / Absence ETIM for 709312 Sensors (EC004672)

Feature Name

Feature Value

Model (EF000010)

Control unit

Voltage type (EF000187)

DC

Type of interface (EF006977)

Other

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

0

Width (EF000008)

115 mm

Depth (EF000049)

202 mm

Height (EF000040)

190 mm

Number of outputs, signalling function, undelayed, semiconductors (EF003350)

1

Rated control supply voltage DC (EF003980)

20.4 V

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / FH-2051 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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