

INDUSTRIAL COMPONENT DATA

FH-5551 FH 0135R FH5551 OMRON FH high-speed / high performance / extended storage, controller 4-core, NPN/PN..

Brand: OMRON | Manufacturer Part Number: FH-5551



Manufacturer	OMRON
MPN / Reference	FH-5551
Catalog number	FH5551
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-855182F936
Generated	2026-08-03

Product Overview

FH high-speed / high performance / extended storage, controller 4-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

PerformanceVery highProcessor familyIntel® Core™ i7Operating systemWindows 10 IoT Enterprise 2019 LTSC - 64 bitMemory32 GB RAM (non ECC)AI Scratch detection filterAIFineMatchingNumber of cameras2Integrated monitorCommunication port(s)EtherCAT Slave, EtherNet/IP, Ethernet TCP/IP, PROFINET Slave, Serial RS-232C, USBOutput typePNP/NPNApplication2D Robot guidance, 3D Bin picking, AI fine matching, AI scratch detection, Bead inspection, Code reading, Code verification, Color inspection, Counting, Defect inspection, Measurement inspection, OCR / OCV, Presence / Absence
ETIM for 709309 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-5551 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.