

INDUSTRIAL COMPONENT DATA

F430-F050W50C-SWA F4305185M F430F050W50CSWA,1 OMRON F430 Smart Camera, 5 MP color, Wide view, Fixed focus 50..

Brand: OMRON | Manufacturer Part Number: F430-F050W50C-SWA



Manufacturer	OMRON
MPN / Reference	F430-F050W50C-SWA
Catalog number	F430F050W50CSWA.1
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-45B2039696
Generated	2026-08-06

Product Overview

F430 Smart Camera, 5 MP color, Wide view, Fixed focus 50 mm, White light, AutoVISION, Ethernet TCP/IP, EtherNet/IP, PROFINET, IP65/IP67

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path	OMRON
--------------	-------

Additional Product Information

Camera familyF430Number of pixels5.0 MPCamera typeColorAutofocusFocus distance50-50 mmFocal length5.2 mmField of view (width)50-50 mmFrame rate5 fpsShutter typeRollingIlluminationWhite LEDSoftware option(s)AutoVISIONImage sensor typeCMOSImage width2592 pixelsImage height1944 pixelsCommunication port(s)EtherNet/IP, Ethernet TCP/IP, PROFINET Slave, Serial RS-232CDegree of protection (IP)IP65/IP67ApplicationCode reading, Code verification, Color inspection, Counting, Measurement inspection, OCR / OCV, Presence / Absence

ETIM for 697331 Sensors (EC004672)

Feature Name

Feature Value

Voltage type (EF000187)

DC

Model (EF000010)

Complete device

Type of interface (EF006977)

Other

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

0

Width (EF000008)

44.5 mm

Height (EF000040)

25.4 mm

Depth (EF000049)

56.9 mm

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F430-F050W50C-SWA 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.