

INDUSTRIAL COMPONENT DATA

F430-F050M12M-SWS F4305142G F430F050M12MSWS,1 OMRON F430 Smart Camera, 1.2 MP monochrome, Medium view, Fixed..

Brand: OMRON | Manufacturer Part Number: F430-F050M12M-SWS



Manufacturer	OMRON
MPN / Reference	F430-F050M12M-SWS
Catalog number	F430F050M12MSWS.1
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-8CA854C003
Generated	2026-08-06

Product Overview

F430 Smart Camera, 1.2 MP monochrome, Medium view, Fixed focus 50 mm, White light, AutoVISION Sensor, 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 pixels1.2 MPCamera typeMonochromeAutofocusFocus distance50-50 mmFocal length7.7 mmField of view (width)36-36 mmFrame rate40 fpsShutter typeGlobalIlluminationWhite LEDSoftware option(s)AutoVISION SensorImage sensor typeCMOSImage width1280 pixelsImage height960 pixelsCommunication port(s)EtherNet/IP, Ethernet TCP/IP, PROFINET Slave, Serial RS-232CDegree of protection (IP)IP65/IP67ApplicationCounting, Measurement inspection, Presence / Absence
ETIM for 697288 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-F050M12M-SWS 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.