

INDUSTRIAL COMPONENT DATA

F420-F081M50C-SWS F4205220R F420F081M50CSWS,1 OMRON F420 Smart Camera, 5 MP color, Medium view, Fixed focus ..

Brand: OMRON | Manufacturer Part Number: F420-F081M50C-SWS



Manufacturer	OMRON
MPN / Reference	F420-F081M50C-SWS
Catalog number	F420F081M50CSWS.1
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-2BCBDC6318
Generated	2026-08-06

Product Overview

F420 Smart Camera, 5 MP color, Medium view, Fixed focus 81 mm, White light, AutoVISION Sensor, Serial RS-232, USB, or Ethernet over USB, IP54

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 familyF420Number of pixels5.0 MPCamera typeColorAutofocusFocus distance81-81 mmFocal length7.7 mmField of view (width)54-54 mmFrame rate5 fpsShutter typeRollingIlluminationWhite LEDSoftware option(s)AutoVISION SensorImage sensor typeCMOSImage width2592 pixelsImage height1944 pixelsCommunication port(s)Ethernet TCP/IP, Serial RS-232C, USBDegree of protection (IP)IP54
ETIM for 697049 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)

38.1 mm

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F420-F081M50C-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.