

INDUSTRIAL COMPONENT DATA

F420-F050M03M-SWV F4205054M F420F050M03MSWV,1 OMRON F420 Smart Camera, 0.3 MP monochrome, Medium view, Fixed..

Brand: OMRON | Manufacturer Part Number: F420-F050M03M-SWV



Manufacturer	OMRON
MPN / Reference	F420-F050M03M-SWV
Catalog number	F420F050M03MSWV.1
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-677F1E6117
Generated	2026-08-06

Product Overview

F420 Smart Camera, 0.3 MP monochrome, Medium view, Fixed focus 50 mm, White light, AutoVISION+Visionscape, 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 pixels0.3 MPCamera typeMonochromeAutofocusFocus distance50-50 mmFocal length7.7 mmField of view (width)34-34 mmFrame rate52 fpsShutter typeGlobalIlluminationWhite LEDSoftware option(s)AutoVISION, VisionscapeImage sensor typeCMOSImage width752 pixelsImage height480 pixelsCommunication port(s)Ethernet TCP/IP, Serial RS-232C, USBDegree of protection (IP)IP54Product Weight (unpacked)120 g

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F420-F050M03M-SWV 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.