

## INDUSTRIAL COMPONENT DATA

# F420-F000M50C-SWA F4205287M F420F000M50CSWA,1 OMRON F420 Smart Camera, 5 MP color, Medium view, Autofocus 50..

Brand: OMRON | Manufacturer Part Number: F420-F000M50C-SWA



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | OMRON                       |
| MPN / Reference | F420-F000M50C-SWA           |
| Catalog number  | F420F000M50CSWA.1           |
| Category        | Machine vision system (MVS) |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-C9381D8A24               |
| Generated       | 2026-08-06                  |

## Product Overview

F420 Smart Camera, 5 MP color, Medium view, Autofocus 50-300 mm, White light, AutoVISION, 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 distance50-300 mmFocal length7.7 mmField of view (width)34-183 mmFrame rate5 fpsShutter typeRollingIlluminationWhite LEDSoftware option(s)AutoVISIONImage sensor typeCMOSImage width2592 pixelsImage height1944 pixelsCommunication port(s)Ethernet TCP/IP, Serial RS-232C, USBDegree of protection (IP)IP54

ETIM for 697111 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

Number of outputs, signalling function, undelayed, semiconductors (EF003350)

3

Depth (EF000049)

38.1 mm

Rated control supply voltage DC (EF003980)

4.75 V

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F420-F000M50C-SWA with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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