

## INDUSTRIAL COMPONENT DATA

# F420-F300W50C-SWA F4205209H F420F300W50CSWA,1 OMRON F420 Smart Camera, 5 MP color, Wide view, Fixed focus 30..

Brand: OMRON | Manufacturer Part Number: F420-F300W50C-SWA



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | OMRON                       |
| MPN / Reference | F420-F300W50C-SWA           |
| Catalog number  | F420F300W50CSWA.1           |
| Category        | Machine vision system (MVS) |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-6995B5F556               |
| Generated       | 2026-08-06                  |

## Product Overview

F420 Smart Camera, 5 MP color, Wide view, Fixed focus 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 distance300-300 mmFocal length5.2 mmField of view (width)271-271 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 697038 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-F300W50C-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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