

## INDUSTRIAL COMPONENT DATA

# F420-F300M03M-NNS F4205082F F420F300M03MNNS,1 OMRON F420 Smart Camera, 0.3 MP monochrome, Medium view, Fixed..

Brand: OMRON | Manufacturer Part Number: F420-F300M03M-NNS



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | OMRON                       |
| MPN / Reference | F420-F300M03M-NNS           |
| Catalog number  | F420F300M03MNNS.1           |
| Category        | Machine vision system (MVS) |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-16358414F6               |
| Generated       | 2026-08-06                  |

## Product Overview

F420 Smart Camera, 0.3 MP monochrome, Medium view, Fixed focus 300 mm, No outer 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 pixels0.3 MPCamera typeMonochromeAutofocusFocus distance300-300 mmFocal length7.7 mmField of view (width)185-185 mmFrame rate52 fpsShutter typeGlobalIlluminationInner LEDs onlySoftware option(s)AutoVISION SensorImage 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-F300M03M-NNS 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

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.