

## INDUSTRIAL COMPONENT DATA

# F420-F102M12M-SRS F4205157A F420F102M12MSRS,1 OMRON F420 Smart Camera, 1.2 MP monochrome, Medium view, Fixed..

Brand: OMRON | Manufacturer Part Number: F420-F102M12M-SRS



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | OMRON                       |
| MPN / Reference | F420-F102M12M-SRS           |
| Catalog number  | F420F102M12MSRS.1           |
| Category        | Machine vision system (MVS) |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-A8C41B70AB               |
| Generated       | 2026-08-06                  |

## Product Overview

F420 Smart Camera, 1.2 MP monochrome, Medium view, Fixed focus 102 mm, Red 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 pixels1.2 MPCamera typeMonochromeAutofocusFocus distance102-102 mmFocal length7.7 mmField of view (width)70-70 mmFrame rate40 fpsShutter typeGlobalIlluminationRed LEDSoftware option(s)AutoVISION SensorImage sensor typeCMOSImage width1280 pixelsImage height960 pixelsCommunication port(s)Ethernet TCP/IP, Serial RS-232C, USBDegree of protection (IP)IP54  
ETIM for 696986 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-F102M12M-SRS 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

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