

INDUSTRIAL COMPONENT DATA

F420-F300W03M-SWS F4205043E F420F300W03MSWS,1 OMRON F420 Smart Camera, 0.3 MP monochrome, Wide view, Fixed f..

Brand: OMRON | Manufacturer Part Number: F420-F300W03M-SWS



Manufacturer	OMRON
MPN / Reference	F420-F300W03M-SWS
Catalog number	F420F300W03MSWS.1
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-05D32D2C58
Generated	2026-08-06

Product Overview

F420 Smart Camera, 0.3 MP monochrome, Wide view, Fixed focus 300 mm, White 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 length5.2 mmField of view (width)266-266 mmFrame rate52 fpsShutter typeGlobalIlluminationWhite LEDSoftware 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
ETIM for 696872 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-F300W03M-SWS 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.