

INDUSTRIAL COMPONENT DATA

F420-F190W03M-SRA F4205032M F420F190W03MSRA,1 OMRON F420 Smart Camera, 0.3 MP monochrome, Wide view, Fixed f..

Brand: OMRON | Manufacturer Part Number: F420-F190W03M-SRA



Manufacturer	OMRON
MPN / Reference	F420-F190W03M-SRA
Catalog number	F420F190W03MSRA.1
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-2FE96E4B39
Generated	2026-08-06

Product Overview

F420 Smart Camera, 0.3 MP monochrome, Wide view, Fixed focus 190 mm, Red 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 pixels0.3 MPCamera typeMonochromeAutofocusFocus distance190-190 mmFocal length5.2 mmField of view (width)171-171 mmFrame rate52 fpsShutter typeGlobalIlluminationRed LEDSoftware option(s)AutoVISIONImage 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 696861 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-F190W03M-SRA 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.