

INDUSTRIAL COMPONENT DATA

F420-F000L12M-SWS F4205322A F420F000L12MSWS,1 OMRON F420 Smart Camera, 1.2 MP monochrome, Long range, Autofo..

Brand: OMRON | Manufacturer Part Number: F420-F000L12M-SWS



Manufacturer	OMRON
MPN / Reference	F420-F000L12M-SWS
Catalog number	F420F000L12MSWS.1
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-0A528C1C5F
Generated	2026-08-06

Product Overview

F420 Smart Camera, 1.2 MP monochrome, Long range, Autofocus 75-1200 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 pixels1.2 MPCamera typeMonochromeAutofocusFocus distance75-1200 mmFocal length16 mmField of view (width)24-436 mmFrame rate40 fpsShutter typeGlobalIlluminationWhite 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 697145 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-F000L12M-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.