

INDUSTRIAL COMPONENT DATA

F420-F050W12M-NNS F4205091E F420F050W12MNNS,1 OMRON F420 Smart Camera, 1.2 MP monochrome, Wide view, Fixed f..

Brand: OMRON | Manufacturer Part Number: F420-F050W12M-NNS



Manufacturer	OMRON
MPN / Reference	F420-F050W12M-NNS
Catalog number	F420F050W12MNNS.1
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-07289C8510
Generated	2026-08-06

Product Overview

F420 Smart Camera, 1.2 MP monochrome, Wide view, Fixed focus 50 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 pixels1.2 MPCamera typeMonochromeAutofocusFocus distance50-50 mmFocal length5.2 mmField of view (width)53-53 mmFrame rate40 fpsShutter typeGlobalIlluminationInner LEDs onlySoftware option(s)AutoVISION SensorImage sensor typeCMOSImage width1280 pixelsImage height960 pixelsCommunication port(s)Ethernet TCP/IP, Serial RS-232C, USBDegree of protection (IP)IP54

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F420-F050W12M-NNS 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.