

INDUSTRIAL COMPONENT DATA

F420-F102W12M-NNV F4205111C F420F102W12MNNV,1 OMRON F420 Smart Camera, 1.2 MP monochrome, Wide view, Fixed f..

Brand: OMRON | Manufacturer Part Number: F420-F102W12M-NNV



Manufacturer	OMRON
MPN / Reference	F420-F102W12M-NNV
Catalog number	F420F102W12MNNV.1
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-3506FFFD98
Generated	2026-08-06

Product Overview

F420 Smart Camera, 1.2 MP monochrome, Wide view, Fixed focus 102 mm, No outer light, AutoVISION+Visionscape, 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 length5.2 mmField of view (width)101-101 mmFrame rate40 fpsShutter typeGlobalIlluminationInner LEDs onlySoftware option(s)AutoVISION, VisionscapeImage 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-F102W12M-NNV 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.