

INDUSTRIAL COMPONENT DATA

F320-F102W12M-NNV F3205072M F320F102W12MNNV,1 OMRON F320 Smart Camera, 1.2 MP monochrome, Wide view, Fixed f..

Brand: OMRON | Manufacturer Part Number: F320-F102W12M-NNV



Manufacturer	OMRON
MPN / Reference	F320-F102W12M-NNV
Catalog number	F320F102W12MNNV.1
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-B75A0457BB
Generated	2026-08-06

Product Overview

F320 Smart Camera, 1.2 MP monochrome, Wide view, Fixed focus 102 mm, No outer light, AutoVISION+Visionscape, RS-232, Ethernet via USB, IP40

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 familyF320Number of pixels1.2 MPCamera typeMonochromeAutofocusFocus distance102-102 mmFocal length5.2 mmField of view (width)101-101 mmFrame rate42 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)IP40

ETIM for 696631 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

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F320-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.