

INDUSTRIAL COMPONENT DATA

F420-F102W12M-SRV F4205114H F420F102W12MSRV,1 OMRON F420 Smart Camera, 1.2 MP monochrome, Wide view, Fixed f..

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



Manufacturer	OMRON
MPN / Reference	F420-F102W12M-SRV
Catalog number	F420F102W12MSRV.1
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-78ABF02067
Generated	2026-08-06

Product Overview

F420 Smart Camera, 1.2 MP monochrome, Wide view, Fixed focus 102 mm, Red 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
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Additional Product Information

Camera familyF420Number of pixels1.2 MPCamera typeMonochromeAutofocusFocus distance102-102 mmFocal length5.2 mmField of view (width)101-101 mmFrame rate40 fpsShutter typeGlobalIlluminationRed LEDSoftware option(s)AutoVISION, VisionscapeImage sensor typeCMOSImage width1280 pixelsImage height960 pixelsCommunication port(s)Ethernet TCP/IP, Serial RS-232C, USBDegree of protection (IP)IP54

ETIM for 696943 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-F102W12M-SRV 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

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