

INDUSTRIAL COMPONENT DATA

F420-F102W12M-SWA F4205116D F420F102W12MSWA,1 OMRON F420 Smart Camera, 1.2 MP monochrome, Wide view, Fixed f..

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



Manufacturer	OMRON
MPN / Reference	F420-F102W12M-SWA
Catalog number	F420F102W12MSWA.1
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-8F83D64BFB
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Product Overview

F420 Smart Camera, 1.2 MP monochrome, Wide view, Fixed focus 102 mm, White light, AutoVISION, 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 typeGlobalIlluminationWhite LEDSoftware option(s)AutoVISIONImage sensor typeCMOSImage width1280 pixelsImage height960 pixelsCommunication port(s)Ethernet TCP/IP, Serial RS-232C, USBDegree of protection (IP)IP54
ETIM for 696945 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-SWA with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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