

INDUSTRIAL COMPONENT DATA

FH-SMX12 FH 0085R FHSMX12 OMRON FH Camera, high speed, 12 MPixel, c-Mount, global shutter, monochrome

Brand: OMRON | Manufacturer Part Number: FH-SMX12



Manufacturer	OMRON
MPN / Reference	FH-SMX12
Catalog number	FHSMX12
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-A6E7194781
Generated	2026-08-02

Product Overview

FH Camera, high speed, 12 MPixel, c-Mount, global shutter, monochrome

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog pathOMRON > Vision Systems > XPECTIA FZ

Additional Product Information

Number of pixels12 MPAutofocusCamera familyFHCamera typeMonochromeFrame rate40.1 fpsIlluminationNoneImage width4092 pixelsImage height3000 pixelsScan typeArea scanShutter typeGlobalImage sensor format1.1"Image sensor typeCMOSLens mountC-mountLens typeNot ApplicablePixel size3.45 µmDegree of protection (IP)IP10

ETIM for 684445 Sensors (EC004672)

Feature Name

Feature Value

Voltage type (EF000187)

DC

Model (EF000010)

Camera

Type of interface (EF006977)

Other

Number of outputs, signalling function, undelayed, with contact (EF003348)

0

Width (EF000008)

35 mm

Height (EF000040)

42 mm

Number of outputs, signalling function, undelayed, semiconductors (EF003350)

0

Depth (EF000049)

40.7 mm

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / FH-SMX12 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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