

INDUSTRIAL COMPONENT DATA

FHV7X-M004-H19-R FHV72101E FHV7XM004H19R OMRON FH Intelligent Vision Camera, High Performance, Monochrome, r..

Brand: OMRON | Manufacturer Part Number: FHV7X-M004-H19-R



Manufacturer	OMRON
MPN / Reference	FHV7X-M004-H19-R
Catalog number	FHV7XM004H19R
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-C34C5F5070
Generated	2026-08-06

Product Overview

FH Intelligent Vision Camera, High Performance, Monochrome, res 0.4 MPixel, 6.9µm Pixel Size, 1/2.9" Chip Size, Global Shutter, High-Speed Liquid Lens Module, 19mm Focal Length, Red Illumination, 24VDC, IP67, Pre-Assembled
FH Vision Smart Camera, high performance, monochrome type, 0.4 Mpix resolution, 6.9 µm pixel size, 1/2.9" chip size, global shutter, high speed liquid lens module, focal length 19 mm, red illuminator 24 VDC, IP67, pre-assembled
FH Vision Smart Camera, high performance, monochrome type, 0.4 Mpix resolution, 6.9 µm pixel size, 1/2.9" chip size, global shutter, high speed liquid

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path OMRON > Industrial barcode readers > FH Smart Camera

Additional Product Information

Number of pixels0.4 MPCamera with lensCommunication port(s)EtherNet/IP, Ethernet TCP/IP, PROFINET Slave, Serial RS-232CCommunication option(s)EtherCAT SlaveFocal length19 mmFocus distance202-1050 mmAutofocusCamera familyFHVCamera typeMonochromeFrame rate430 fpsIlluminationRed LEDImage width720 pixelsImage height540 pixelsPixel size6.9 µmShutter typeGlobalImage sensor format1/2.9"Image sensor typeCMOSLens mountOtherLens typeLiquidOptics classNot ApplicableDegree of protection (IP)IP67Application2D Robot guidance, Bead inspection, Code reading, Code verification, Counting, Defect inspection, Measurement inspection, OCR / OCV, Presence / Absence
ETIM for 723506 Sensors (EC004672)

Feature Name

Feature Value

Model (EF000010)

Complete device

Voltage type (EF000187)

DC

Type of interface (EF006977)

Other

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

0

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / FHV7X-M004-H19-R 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.