OMRON Industrial Automation



E3AS-F1000IMT M3 OMS

Photoelectric sensor, rectangular housing, stainless steel, infrared laser class 1, time-of-flight, 1000 mm, PNP, Light-ON/Dark-ON, IO-Link COM3, M8 4-pin connector

Downloaded from Arrow.com.

Specifications

Shape	Cuboid
Sensing method	Background suppression
Sensing distance	1000 mm
Sensing distance (min.)	50 mm
Setting method	IO-Link, Teach-In
Connection method	Connector M8 - 4 pin
Output type	IO-Link, PNP
Operation mode	Dark-ON, Light-ON
IO-Link baud rate	COM3 (230.4 kbps)
Response time	90 ms
Material housing	Stainless steel
Product Width (unpacked)	11.4 mm
Product Height (unpacked)	38 mm
Product Depth (unpacked)	22 mm
Type of light	Laser diode, infrared light
Laser class	1
Spot size	95 mm
Power supply voltage	10-30 V
Features	TOF (Time of Flight)
Degree of protection (IP)	IP67/IP67G/IP69K

Downloaded from Arrow.com.

Accessories

	**E39-L211 OMS**	L-shaped mounting bracket for E3AS-F/L models
	**E39-L212 OMS**	Horizontal protective cover bracket for E3AS-F/L cable and pigtail models
	**E39-L214 OMS**	Protective metal cover for E3AS, horizontal surface mounting

Related products



M8 Connectors & Cordsets
Industrial connectors & cordsets for any application

Downloaded from Arrow.com.

Downloads

CAD Library



E3AS Food & Commodities

Datasheet

EN PDF 17.8 MB



E3AS – Automotive

Brochure

EN PDF 18.3 MB



E3AS-F

Index list

EN PDF 1.23 MB



E3AS-F

Instruction Sheet

EN PDF 1.46 MB



E3AS-Fxxxxxxx

IO-Link IODD file

EN ZIP 1.1 MB



IO-Link Series

Brochure

EN PDF 7.95 MB

TERMS OF WEBSITE USE

This PDF document was created from the European OMRON Industrial Automation website on 16 July, 2026. Click here for terms of use.

Downloaded from Arrow.com.