

INDUSTRIAL COMPONENT DATA

E3S-AD17 E3S 3016A E3SAD17 OMRON Plastic cc 3h Slr 70cm Horiz NPN M12

Brand: OMRON | Manufacturer Part Number: E3S-AD17



Manufacturer	OMRON
MPN / Reference	E3S-AD17
Catalog number	E3SAD17
Category	Diffuse reflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-64A44E6628
Generated	2026-08-02

Product Overview

Plastic cc 3h Slr 70cm Horiz NPN M12

Photoelectric sensor, diffuse, 700 mm, DC, 3-wire, NPN, horizontal, M12 plug-in

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path OMRON > Photoelectric sensors > E3S

Additional Product Information

Built-in Amplifier Photoelectric Sensor

E3S-A

Ordering Information

E3S-A General-purpose Sensors

Connections AppearanceSensing method

Sensing distance

Operating modes

Output / timer functions

Model

NPN outputPNP output

PrewiredHorizontalThrough-beam 7 m Light-ON

--- E3S-AT11E3S-AT31

Dark-ON (selectable)

With timer and self-diagnostic functions

E3S-AT21E3S-AT41

Retroreflective 0.1 to 2 m

--- E3S-AR11 E3S-AR31

(polarized)

With timer and self-diagnostic functions

E3S-AR21 E3S-AR41

Diffuse reflec-

10 cm (light

--- E3S-AD13 E3S-AD33

tive

source: infra- red)

With timer and self-diagnostic functions

E3S-AD23 E3S-AD43

20 cm--- E3S-AD11 E3S-AD31

With timer and self-diagnostic functions

E3S-AD21 E3S-AD41

70 cm (light

--- E3S-AD12 E3S-AD32

source: infra- red)

With timer and self-diagnostic functions

E3S-AD22 E3S-AD42

E3S-A

A-231

ETIM for 145474 Sensors (EC001821)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Explosion safety category for gas (EF003997)

None

With communication interface RS-485 (EF007314)

No

Analogue output -10 V ... +10 V (EF006809)

No

With communication interface SSD (EF007315)

No

With communication interface SSI (EF007316)

No

Analogue output 0 mA ... 20 mA (EF006808)

No

With communication interface RS-232 (EF007312)

No

With communication interface PROFIBUS (EF007311)

No

Suitable for safety functions (EF001597)

No

With communication interface INTERBUS (EF007310)

No

With communication interface RS-422 (EF007313)

No

With communication inte...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3S-AD17 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.