

INDUSTRIAL COMPONENT DATA

D5A-3300 D5A 3300M D5A3300 OMRON FC High precision 1 micron Plunger needle M8

Brand: OMRON | Manufacturer Part Number: D5A-3300



Manufacturer	OMRON
MPN / Reference	D5A-3300
Catalog number	D5A3300
Category	End switch
Minimum order	1 Pcs
Document ID	EO-59F8D5C3FA
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Product Overview

FC High precision 1 micron Plunger needle M8

Limit switch, high precision, pin plunger, M8, 0.98 N Operating force, SPST-NC, prewired 1 m

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 Limit switches / Pushbuttons > Other
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Additional Product Information

FeaturesArea monitoring fiber sensor heads

The area monitoring fibers allow the detection of objects passing anywhere through the detection range and can be used for height comparisons of different objects.

Area monitoring up to 70 mm height

Multi-beam sensor with 4 separate heads for flexible detection points

Standard or high flex fibers

Two state detections

The two outputs of the E3X-DA-S can be used to detect two different light levels.

Position compensation

In combination with the twin output function of the E3X-DA-S amplifier, the diffuse reflective area monitoring fibers can detect very small objects (e.g. needles) and a second state (e.g cover present). The area beam compensates for position variations at high speed.

Ordering information

Sensor type

Sensing height

(in mm)

Sensing distance (in mm)1

Order code

Standard fiber

High-flex fiber

Standard fiber

High-flex fiber

E3X-HD

E3NX-FA

E3X-HD

E3NX-FA

10

4000

4000

-

-

E32-T16

-

2

11

2200

3300

1700

2550

E32-T16P

E32-T16PR 2M

30

3600

4000

2600

3900

E32-T16W 2M

E32-T16WR 2M

50

-

-

3000

4000

-

E32-ET16WR-2 2M

70

-

-

3500

4000

-

E32-ET16WR-1 2M

11

2000

3000

1500

2200

E32-T16J 2M

E32-T16JR 2M

4 × separate M3 heads

1300

1900

-

-

E32-M21

-

11

-

-

300

450

-

E32-D36P1 2M

Specifications

Item

Standard

High-flex

E32-T16

E32-M21

E32-T16J

E32-T16P

E32-T16W

E32-D36P1

E32-ET16WR-1

E32-ET16WR-2

E32-T16JR

E32-T16PR

E32-T16WR

Permissible bending radius

R25

R10

R4

R1

Cut to length

Yes

Ambient temperature

-40°C to 70°C

Material

Head
ABS
Stain...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D5A-3300 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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