

INDUSTRIAL COMPONENT DATA

D4N-9A20R D4NR0005B D4N9A20R OMRON Safety Limit switch D4N, M12 connector (1 conduit), 1NC/1NO (slow-action)..

Brand: OMRON | Manufacturer Part Number: D4N-9A20R



Manufacturer	OMRON
MPN / Reference	D4N-9A20R
Catalog number	D4N9A20R
Category	End switch
Minimum order	1 Pcs
Document ID	EO-BD1A262E4A
Generated	2026-08-05

Product Overview

Safety Limit switch D4N, M12 connector (1 conduit), 1NC/1NO (slow-action), roller lever (resin lever, resin roller),

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path OMRON > Safety > Others

Additional Product Information

FeaturesLimit switch with plastic housing

The D4N series of limit switches in plastic housing is the ideal switch for all standard mechanical position detection applications both for safety and non-safety applications.

Direct opening mechanism and approval by notified body

Rugged plastic housing with double insulation

Wide range of actuators

M12 connectors or terminal block with M20 conduit

Ordering information

Actuator type

Connection method

Order code1

1NC/1NO (snap-action)

1NC/1NO (slow-action)

2NC (slow-action)

2NC/1NO (slow-action)

Order code

Order code

Order code

Order code

Roller lever

(resin lever, resin roller)

M20

D4N-4120

D4N-4A20

D4N-4B20

D4N-4C20

M12 connector

D4N-9120

D4N-9A20

D4N-9B20

-

Plunger

M20

D4N-4131

D4N-4A31

D4N-4B31

-

M12 connector

D4N-9131

D4N-9A31

D4N-9B31

-

Roller plunger

M20

D4N-4132

D4N-4A32

D4N-4B32

D4N-4C32

M12 connector

D4N-9132

D4N-9A32

D4N-9B32

-

One-way roller arm lever (horizontal)

M20

D4N-4162

D4N-4A62

D4N-4B62

D4N-4C62

M12 connector

D4N-9162

D4N-9A62

D4N-9B62

-

One-way roller arm lever (vertical)

M20

D4N-4172

D4N-4A72

D4N-4B72

-

Adjustable roller lever, form lock
(metal lever, resin roller)

M20

D4N-412G

D4N-4A2G

D4N-4B2G

-

M12 connector

D4N-912G

D4N-9A2G

D4N-9B2G

-

Adjustable roller lever, form lock
(metal lever, rubber roller)

M20

D4N-412H

D4N-4A2H

D4N-4B2H

-

M12 connector

D4N-912H

D4N-9A2H

D4N-9B2H

-

Switches with MBB contacts

MBB (Make Before Break) contacts have an overlapping structure, so that before the normally closed (NC) contac...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D4N-9A20R 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.