

**INDUSTRIAL COMPONENT DATA**

# WLCA12-2NG WL 2031M WLCA122NG OMRON Lever adjustable roller plunger Overtravel 90 ° PG13.5

Brand: OMRON | Manufacturer Part Number: WLCA12-2NG



|                 |               |
|-----------------|---------------|
| Manufacturer    | OMRON         |
| MPN / Reference | WLCA12-2NG    |
| Catalog number  | WLCA122NG     |
| Category        | End switch    |
| Minimum order   | 1 Pcs         |
| Document ID     | EO-37B9613A5C |
| Generated       | 2026-08-05    |

## Product Overview

Lever adjustable roller plunger Overtravel 90 ° PG13.5

Adjustable Roller Lever Overcarr 90o PG13.5

Limit switch, adjustable roller lever: overtravel, 90 deg, DPDB, 10A

**STRUCTURED PRODUCT DATA**

## Technical Specifications

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

## Classification & Catalog Path

Catalog path      OMRON &gt; Industrial Limit switches / Pushbuttons &gt; WL

## Additional Product Information

Improved durability and performance

Reduced part numbers

Easy wiring

Direct and pre-wiring

Ground terminal models are approved by EN and IEC and bear the CE marking

UL,CSA

Specifications &amp; ordering info

Ordering Information

Actuator type

Contact Form and features

Connection method

CE Mark

Order code

Roller lever R38

DPDB1

Screw terminal (Pg13,5 conduit with ground terminal)2

Yes

WLCA2-2NG-N

Adjustable roller lever: R25 to 89 mm, pretravel  $15^{\circ} \pm 5^{\circ}$

DPDB, Heat-resistant: 5 to  $120^{\circ}\text{C}$

WLCA12-THG-N

Adjustable roller lever: R25 to 89 mm, pretravel  $15^{\circ} \pm 5^{\circ}$

DPDB, LED

WLCA12-GLD-N

Roller lever R50, pretravel  $15^{\circ} \pm 5^{\circ}$

DPDB

WLCA2-7G-N

Roller lever R63, pre-travel  $15^{\circ} \pm 5^{\circ}$

DPDB

WLCA2-8G-N

Adjustable rod lever: 25 to 140 mm, pretravel  $15^{\circ} \pm 5^{\circ}$

DPDB, Heat-resistant: 5 to  $120^{\circ}\text{C}$

WLCL-THG-N

Adjustable rod lever: 25 to 140 mm, pretravel  $15^{\circ} \pm 5^{\circ}$

DPDB, LED,

Pre-wired Connector M12 (Smart Click), with ground terminal

WLCL-2NLD-DGJ-N

Roller lever R38, High sensitive pre-travel  $10^{\circ} + 2/-1^{\circ}$

DPDB, LED

WLG2-LDFS-DGJS-N

Specifications

Characteristics

Degree of protection

IP67

Durability3

Mechanical

15,000,000 operations min.4

Electrical

750,000 operations min.5

Operating speed

1 mm/s to 1 m/s (in case of WLCA2-N)

Operating frequency

Mechanical

120 operations/minute min.

Electrical

30 operations/minute min.

Rated frequency

50/60 Hz

Insulation resistance

100 M $\Omega$  min. (at 500 VDC)

Contact resistance

25 m $\Omega$  max. (initial value for the built-in switch when tested alone)

Dielectric strength

Between terminals of the same p...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / WLCA12-2NG with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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.