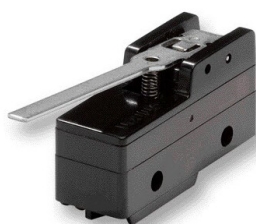


## INDUSTRIAL COMPONENT DATA

# ZW-SQ5020 0,3M ZW 2373M ZWSQ502003M OMRON Confocal displacement sensor, sensing head square shape, measuring..

Brand: OMRON | Manufacturer Part Number: ZW-SQ5020 0,3M



|                 |                         |
|-----------------|-------------------------|
| Manufacturer    | OMRON                   |
| MPN / Reference | ZW-SQ5020 0,3M          |
| Catalog number  | ZWSQ502003M             |
| Category        | Optical distance sensor |
| Minimum order   | 1 Pcs                   |
| Document ID     | EO-80F7A0123F           |
| Generated       | 2026-08-02              |

## Product Overview

Confocal displacement sensor, sensing head square shape, measuring range 20 mm +/- 1 mm, spot diameter 40 um, 0.3 m cable

## 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; Advanced sensors &gt; Other Sensors

## Additional Product Information

FeaturesLimit switch with basic plastic housing

The Z series of basic switches in plastic housing provide the same electrical and mechanical switching capability and lifetime as standard limit switches. But with the basic plastic housing the basic switches are an ideal solution with best value for money for uncritical environments or when separately encased in subassemblies.

Cost efficient basic plastic housing for subassemblies

Same electrical and mechanical switching ratings as standard limit switches

Ordering information

Actuator type1

Order code2

Solder terminal

Screw terminal

Pin plunger

Z-15G  
Z-15G-B  
Short spring plunger  
Z-15GD  
Z-15GD-B  
Leaf spring  
Z-15GL  
Z-15GL-B  
Reverse hinge lever  
Z-15GM  
Z-15GM-B  
Reverse hinge roller lever  
Z-15GM2  
Z-15GM2-B  
Plunger with M12 mounting  
Z-15GQ  
Z-15GQ-B  
Hinge lever  
Z-15GW  
Z-15GW-B  
Hinge roller lever  
Z-15GW2  
Z-15GW2-B  
Specifications  
Rated voltage  
Non-inductive load  
Inductive load  
Resistive load  
Lamp load  
Inductive load  
Motor load  
NC  
NO  
NC  
NO  
NC  
NO  
NC  
NO  
125 VAC  
15 A  
3 A  
1.5 A  
15 A  
5 A  
2.5 A  
250 VAC

15 A  
2.5 A  
1.25 A  
15 A  
3 A  
1.5 A  
8 VDC  
15 A  
3 A  
1.5 A  
15 A  
5 A  
2.5 A  
14 VDC  
15 A  
3 A  
1.5 A  
10 A  
5 A  
2.5 A  
30 VDC  
6 A  
3 A  
1.5 A  
5 A  
5 A  
2.5 A  
125 VDC  
0.5 A3  
0.5 A  
0.5 A  
0.05 A  
0.05 A  
0.05 A  
Durability  
Mechanical  
10,000,000 operations min.  
Electrical  
500,000 operations min.  
Operating speed  
Plunger  
0.01 mm to 1 m/s  
Operating frequency  
Mechanical  
240 operations/min  
Electrical  
20 operations/min

Ambient temperature  
Operating  
-25 to 80°C (with no icin...

### REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / ZW-SQ5020 0,3M 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

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