

INDUSTRIAL COMPONENT DATA

ZW-SP8010 0,3M ZW 2343R ZWSP801003M OMRON

Displacement Sensor confocal, head of detection with shape of ball..

Brand: OMRON | Manufacturer Part Number: ZW-SP8010 0,3M



Manufacturer	OMRON
MPN / Reference	ZW-SP8010 0,3M
Catalog number	ZWSP801003M
Category	Optical distance sensor
Minimum order	1 Pcs
Document ID	EO-48E94BB968
Generated	2026-08-05

Product Overview

Displacement Sensor confocal, head of detection with shape of ball-point pen, straight head, measuring range 10 mm +/- 0.7 mm, spot diameter 10 µm, cable 0.3 m

Confocal displacement sensor, sensing head pen-shape, straight head, measuring range 10 mm +/- 0.7 mm, spot diameter 10 µm, 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 > Advanced sensors > Other Sensors

Additional Product Information

ETIM for 682726 Sensors (EC001825)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

DC

Construction type housing (EF004008)

Cylinder plain

Degree of protection (IP) (EF005474)

IP40

Scanning principle (EF003935)

One-way system

Type of electric connection (EF003961)

Cable with connector

Housing material (EF001596)

Stainless steel

Type of light (EF004029)

Other

Material of cable sheath (EF004136)

Polyvinyl chloride (PVC)

Type of switching output (EF003962)

PNP/PNP

Explosion safety category for gas (EF003997)

None

Measuring principle for optical distance measurement (EF004060)

Other

With time function (EF003582)

Yes

Diameter sensor (EF007111)

12 mm

Geometrical resolution (EF004010)

0.00025 mm

Length of sensor (EF007334)

54 mm

Measuring range length (EF008213)

9.3 mm

Supply voltage (EF004127)

21.6 V

Ambient temperature (EF002386)

0 °C

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / ZW-SP8010 0,3M 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.