

INDUSTRIAL COMPONENT DATA

ZW-SPR8010 2M ZW 2356M ZWSPR80102M OMRON

Displacement Sensor confocal, head of detection in the shape of a p..

Brand: OMRON | Manufacturer Part Number: ZW-SPR8010 2M



Manufacturer	OMRON
MPN / Reference	ZW-SPR8010 2M
Catalog number	ZWSPR80102M
Category	Optical distance sensor
Minimum order	1 Pcs
Document ID	EO-0AB9C0A7E3
Generated	2026-08-03

Product Overview

Displacement Sensor confocal, head of detection in the shape of a pen head at an angle of 90°, measuring range 10 mm +/- 0.7 mm, diameter of about 11 µm, 2 m cable

Confocal displacement sensor, sensing head pen-shape, 90° angled head, measuring range 10 mm +/- 0.7 mm, spot diameter 11 µm, 2 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 682721 Sensors (EC001825)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

DC

Construction type housing (EF004008)

Cuboid

Degree of protection (IP) (EF005474)

IP40
Scanning principle (EF003935)
One-way system
Type of analogy output (EF003958)
Other
Type of electric connection (EF003961)
Cable with connector
Housing material (EF001596)
Other
Type of light (EF004029)
Other
Material of cable sheath (EF004136)
Polyvinyl chloride (PVC)
Type of switching output (EF003962)
PNP/NPN
Explosion safety category for gas (EF003997)
None
Measuring principle for optical distance measurement (EF004060)
Other
With time function (EF003582)
Yes
Geometrical resolution (EF004010)
0.00025 mm
Length of sensor (EF007334)
59.9 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-SPR8010 2M 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.