

INDUSTRIAL COMPONENT DATA

ZW-SP5007 2M ZW 2350A ZWSP50072M OMRON Confocal displacement sensor, sensing head pen-shape, straight head, ..

Brand: OMRON | Manufacturer Part Number: ZW-SP5007 2M



Manufacturer	OMRON
MPN / Reference	ZW-SP5007 2M
Catalog number	ZWSP50072M
Category	Optical distance sensor
Minimum order	1 Pcs
Document ID	EO-1317065862
Generated	2026-08-04

Product Overview

Confocal displacement sensor, sensing head pen-shape, straight head, measuring range 7 mm +/- 0.3 mm, spot diameter 13 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 684063 Sensors (EC001825)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

DC

Construction type housing (EF004008)

Cylinder plain

Laser protection class (EF004027)

Class 1

Degree of protection (IP) (EF005474)

IP40

Type of analogy output (EF003958)

Other

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)

NPN/NPN

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)

53.9 mm

Measuring range length (EF008213)

6.7 mm

Supply voltage (EF004127)

21.6 V

Ambient temperature (EF002386)

0 °C

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / ZW-SP5007 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.