

## E2B-M12KS02-WP-C1 2M

Industrial automation components

<b>Manufacturer</b>	Omron
<b>Catalog number</b>	e2b-m12ks02-wp-c1-2m
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Display Name</b>	E2B-M12KS02-WP-C1 2M
<b>Description</b>	Proximity sensor, LITE, inductive, nickel-brass, short body, M12, shielded, 2 mm, DC, 3-wire, NPN-NO, 2 m cable
<b>ETIM Class</b>	EC002714
<b>EAN</b>	4548583549234.0
<b>Group</b>	GE
<b>Fam</b>	GEJ
<b>Country of Origin</b>	IDN
<b>Tariff Code</b>	8536508090.0
<b>OC Code</b>	E2B 2100H
<b>Second Item Number</b>	E2BM12KS02WPC12MOMI
<b>Category</b>	Czujnik indukcyjny E2B
<b>Stat Fam</b>	AAAB
<b>Stat Fam description</b>	E2B
<b>Publication sort</b>	4EAA1
<b>Primary Package Length</b>	115
<b>Primary Package Width</b>	95
<b>Primary Package Depth</b>	42
<b>Dimensions</b>	115mm x 95mm x 42mm
<b>Primary Package Weight</b>	78 g

## Description

The Omron E2B-M12KS02-WP-C1 2M is an inductive proximity sensor designed for precise detection in industrial automation applications. Featuring a nickel-plated brass housing, this sensor offers durability and resistance to harsh environments. Its M12 threaded body ensures secure mounting, while the shielded design minimizes electromagnetic interference, enhancing reliability. With a sensing distance of 2 mm, it provides accurate proximity detection. The sensor operates on a 10 to 30 VDC supply voltage and has a response frequency of 1.5 kHz, suitable for high-speed operations. The 2-meter pre-wired PVC cable facilitates easy installation and connectivity. Encased in a compact 47 mm long body with a 30 mm thread length, it is ideal for installations with limited space. The sensor's IP67 ingress protection rating ensures resistance to dust and water, making it suitable for demanding industrial environments. This model is part of Omron's E2B series, known for its reliability and performance in proximity sensing applications.