

E2E-X2E1

Industrial automation components

| | |
|-----------------------|----------------------------------|
| Manufacturer | Omron |
| Catalog number | e2e-x2e1 |
| Category | Industrial automation components |
| Product type | Industrial automation components |
| Status | Active product |

Technical specification

| | |
|-------------------------|---------------------|
| Sensing Distance | 2 mm |
| Supply Voltage | 10 to 30 VDC |
| Housing Material | Nickel-plated brass |
| Thread Type | M12 |
| Shielding | Shielded |
| Cable Length | 2 meters m |

Description

The Omron E2E-X2E1 is a cylindrical inductive proximity sensor designed for precise detection of ferrous metals in industrial automation applications. This sensor features a 2 mm sensing distance, ensuring accurate proximity detection in compact spaces. It operates on a 10 to 30 VDC supply voltage, making it suitable for various industrial environments. The sensor is housed in a nickel-plated brass barrel with an M12 threaded design, providing robust mechanical protection and ease of installation. Its shielded construction offers resistance to external electromagnetic interference, enhancing reliability in demanding conditions. The E2E-X2E1 is equipped with a pre-wired 2-meter PVC oil-resistant cable, ensuring durability and longevity in harsh environments. This sensor is ideal for applications requiring precise metal detection, such as assembly line monitoring, material handling, and equipment protection.