

RS2000 Z-Serial Z-Serial SMA

ref. 100.0116.00 | ref. 100.0116.50 (SMA)



Z-Serial e Z-Serial - SMA Features

Collects data from meters via RS232 serial and transmits via Zigbee to a data concentrator.

- Integrates devices that have only one serial output to the Zigbee network, finding a network/path for the data to reach the concentrator from the meter, establishing new routes if an already established route is not available.
- Wireless communication at the rate of 250 Kbits per second.
- Security in data transmission, present in the RF communication protocol with 128-bit cryptographic key.



Data Transmitters from CAS Tecnologia

Offers connectivity to the most varied types of businesses, enabling remote communication between different equipment.

RS2000 Line of Data Transmitters from CAS Tecnologia feature end-to-end communication technologies via Radio or Mesh Network, enabling local or short-distance communication to the concentrator at low cost.

Technical Specification

Transmission technology	Zigbee
Connector A	AC power supply cable - 1 m
Connector B	Female RJ45 - serial
Frequency	2.4Ghz
Maximum output power	67mW
Antenna	Internal (RS2000 Z-Serial) External via SMA connector (RS2000 Z-Serial SMA)
Average consumption	2.5W
Power Supply	85~264VAC - according to the meter to be used
Operating temperature	0°C to +70°C
Sizes	85 x 88 x 36 mm
Weight	150g
IP Code	IP50

Technical Design

