

1 Technical Data

1.1 Specifications

Installation

Concept	<ul style="list-style-type: none"> ■ modular integrated yarn clearer system in third party OpenEnd spinning machine ■ power supplied by OpenEnd machine
Section boards	One board per section control up to 24 individual EOS yarn sensors
Central unit LZE	One central unit LZE per machine
Operation	over central unit LZE and touch-screen
Application for	staple-spun yarns of natural and synthetic fibers

Ambient conditions

Operating temperature	5 – 50 °C
Humidity (relative)	max. 95 % rH, non-condensing
Storage temperature	0 – 60 °C
Transport temperature	-25 – 70 °C

Sensors

YarnMaster EOS	1 optical sensor
YarnMaster 3N1	2 optical sensors 1 triboelectric sensor
Range of application	Yarn count: Nm 5—170
Voltage	< 12 V DC
Yarn speed	max. 250 m/min
Mounting	with machine specific bracket, max. torque of attaching screw 2.5 Nm

Section electronic (SE)

Voltage	24 V DC $\pm 10\%$ /max. 400 mA with 24 sensors
Rotor count varies with machine type	max. 24 rotors

SE-Bus repeater (required with > 20 SE)

Voltage	24 V DC $\pm 10\%$ /250 mA
Mounting	individually in section electronic compartment

Central unit LZE

Display	Touch-screen with LCD color display
User interface	multilingual
Voltage	24 V DC $\pm 10\%$ /1100 mA or via AC/DC pwr converter with 90–264 V AC /50-60 Hz input
Dimensions WxHxD	483x266x70 mm
Weight	5.0 kg
Mounting	individually into Headstock



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