

varixx



DECLARATION OF CONFORMITY: ZYGGOT THERMOGRAPHY LINE



The undersigned representative of Manufacturer:

Varixx Industria Eletrônica LTDA
Rua Felipe Zaidan Maluf 450
Distrito Industrial Unileste
Piracicaba - SP - Brazil

Hereby declares that the products in the following family:

Varixx Zyggot Thermography Relay and Sensor Series (reference attached list of part numbers)

are in conformance with the provisions of the following EC Directives

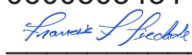
2014/30/EU	Electromagnetic Compatibility Directive (EMC)
2014/35/EU	Low Voltage Directive (LVD)
2019/863/EU	RoHS Directive
IEC 61000-6	Electromagnetic Compatibility (EMC)
CISPR 11	Industrial, scientific and medical equipment
IEC 61131-2:2017	Programmable Controllers
NBR 5456	Eletrotécnica e Eletrônica - Eletricidade Geral - Terminologia
IEC 50 (531)	International Electrotechnical Vocabulary - Automatic Control

through the application of the following standards:

EN 61131-2:2017	Programmable Controllers – Part 2 – Equipment Requirements and tests.
EN 61000-6-2:2005/AC:2005	Immunity for Industrial Environments (+AC:2005) - Harmonic Currents Injected Into the Public Supply Systems;
EN 61000-6-4:2007 + A1:2011	Electromagnetic Compatibility (EMC) Generic Standards– Part 6-4: Emissions standard for industrial environments.
CISPR 11 (2010 – Ed. 5.1)	Radiofrequency disturbance characteristics – Limits and methods of measurement;
IEC 61000-4-2 (2001)	(EMC) - Part 4: Testing and Measurement Techniques. Section 2: Electrostatic discharge immunity test;
IEC 61000-4-3 (2008)	(EMC) - Part 4: Testing and Measurement Techniques. Section 3: Radiated electromagnetic field requirements;
IEC 61000-4-4 (2004)	(EMC) - Part 4: Testing and Measurement Techniques. Section 4: Electrical fast transient;
IEC 61000-4-5 (2005)	(EMC) - Part 4: Test and Measurement Techniques. Section 5: Surge immunity test;
IEC 61000-4-6 (2006)	(EMC) - Part 4: Testing and Meas. Tech. Section 6: Immunity to conducted disturbances induced by radio-frequency fields
IEC 61000-4-8 (2001)	(EMC) - Part 4: Testing and Measurement Techniques. Section 8: Power frequency magnetic field immunity test.

NOTE: The EMC tests were carried out by the CPQD Laboratory (Campinas), according to the following documents, which can be consulted on our website: PD.33.GS.E1A.3313A/RE-02-AA, PD.33.GS.E1A.3313A/RE-03-AA, PD.33.GS.E1A.3313A/RE-06-AA, PD.33.GS.E1A.3313A/RE-07-AA

The Authorized Signatory to this declaration, on behalf of the manufacturer, is identified below:

NAME: Francis Rumenos Piedade - Electronic Engineer - CREA - Regional Council of Engineering and Architecture
TITLE: President - CEO
CREA: 0600503431
SIGNATURE: 
DATE: 10/01/2023

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Part Number	Tube Family	LV Family	Description	EMC	RoHS	LVD
VZX/V5L/N	X	X	Zyggot V5L Relay - Light - Color Touch Screen, Normal, with Modbus	X	X	X
VZX/V5L/S	X	X	Zyggot V5L Relay - Light - Color Touch Screen, Fail Safe, with Modbus	X	X	X
VZX/V5F/N	X	X	Zyggot V5F Relay - Full - Color Touch Screen, Normal, with Modbus	X	X	X
VZX/V5F/S	X	X	Zyggot V5F Relay - Full - Color Touch Screen, Fail Safe, with Modbus	X	X	X
VZX/V5L/N/E	X	X	Zyggot V5F Relay - Light - Color Touch Screen, Normal, with Modbus and Ethernet	X	X	X
VZX/V5L/S/E	X	X	Zyggot V5F Relay - Light - Color Touch Screen, Fail Safe, with Modbus and Ethernet	X	X	X
VZX/V5F/N/E	X	X	Zyggot V5F Relay - Full - Color Touch Screen, Normal, with Modbus and Ethernet	X	X	X
VZX/V5F/S/E	X	X	Zyggot V5F Relay - Full - Color Touch Screen, Fail Safe, with Modbus and Ethernet	X	X	X
VZX/B1/U	X	X	Zyggot Relay - VZX, 2 Color LCD Screen, with Modbus, without Profibus	X	X	X
VZX/B1/U/P	X	X	Zyggot Relay - VZX, 2 Color LCD Screen, with Modbus, with Profibus	X	X	X
EBLOCK 88D	X	X	Digital output expansion block with static outputs	X	X	X
EBLOCK 88R	X	X	Digital output expansion block with relay outputs	X	X	X
ZST/M/7/300/24	X		Tubular Zyggot Sensor	X	X	X
ZSB/M/60/120		X	LV Zyggot Sensor	X	X	X
VPS6024	X	X	Power Supply 24V 60W	X	X	X
VPS12024	X	X	Power Supply 24V 120W	X	X	X
ZTA	X	X	Y Split	X	X	X
ZFR	X	X	Terminating resistor	X	X	X
ZCB/4/2U/xxx	X	X	USB Cables	X	X	X
ZC232-485-1	X	X	RS232/RS485 Converter	X	X	X
ZUSB-RJ-01	X	X	RJ45/RS232 Adapter	X	X	X
ZUSB-TB-01	X	X	USB/TB Adapter		X	X
VLP2	X		Laser sight attachable to the tubular sensor for startup		X	X
ZRJ-RS232	X	X	DB9/RJ45 Adapter		X	X
ZA232-2	X	X	Duplicator Adapter RJ45		X	X
ZSF2	X		Support Fixation to the tubular sensor		X	