

EMC TEST REPORT

No. REMC/39/2017

Requirement	PN-EN 60255-26:2014-01 (EN 60255-26:2013)
Laboratory test methods	PN-EN 55011:2016-05 (EN 55011:2016) PN-EN 55032:2015-09 (EN 55032:2015) PN-EN 61000-4-2:2011 (EN 61000-4-2:2009) PN-EN 61000-4-4:2013-05 (EN 61000-4-4:2012) PN-EN 61000-4-5:2014-10 (EN 61000-4-5:2014) PN-EN 61000-4-6:2014-04 (EN 61000-4-6:2014) PN-EN 61000-4-11:2007 (EN 61000-4-11:2004)

Device under test	Communication converter RS-485 (RS-232) -> fiber-optic
Model	OPG-1
Manufacturer	ZEG ENERGETYKA Sp. z o.o.
Address	ul. Zielona 27 43-200 PSZCZYNA
Applicant	ZEG ENERGETYKA Sp. z o.o.
Address	ul. Zielona 27 43-200 PSZCZYNA

The results refers exclusively to the test presented test sample.
The test report shall not be reproduced except in full.

1. Referenced standards and test summary

Description of test	Test method	Result
Emission tests according to PN-EN 60255-26:2014-01		
Conducted emissions on the power line test	PN-EN 55011:2016-05	PASS
Radiated emissions	PN-EN 55032:2015-09	PASS
Immunity tests according to PN-EN 60255-26:2014-01		
Electrostatic immunity test	PN-EN 61000-4-2:2011	PASS
Electrical fast transient/burst immunity test	PN-EN 61000-4-4:2013-05	PASS
Surge immunity test	PN-EN 61000-4-5:2014-10	PASS
Immunity to conducted disturbances, induced by radio frequency test	PN-EN 61000-4-6:2014-04	PASS
Voltage dips, short interruptions and voltage variations immunity test	PN-EN 61000-4-11:2007	PASS

Date of tests start

Date of tests finish

Date of issue

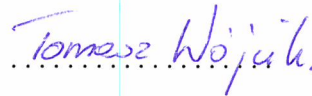
23-10-2017

02-11-2017

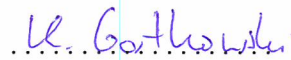
20-11-2017

Test engineer:

Tomasz Wójcik

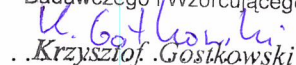


Krzysztof Gostkowski


KIEROWNIK LABORATORIUM
Badawczego i Wzorcującego

Checked, approved:

Krzysztof Gostkowski


2. Test setup of equipment under test

- The sample number 170025 was chosen and delivered by the applicant
- Test manner:
 - power supply: 230V 50Hz
 - normal mode of operation
 - zone B electrical environmental level according to PN-EN 60255-26:2014 – typical industry environment