



## EC DECLARATION OF CONFORMITY

We,

FACTS Engineering, LLC.  
8049 Photonics Drive  
New Port Richey, FL

Declare under our sole responsibility that our Productivity 1000 I/O (intended for building-in to open PLC Systems) to which this declaration relates is in conformity with the following:

**Low Voltage Directive 2014/35/EU of 20 April 2016****Electromagnetic Compatibility Directive 2014/30/EU of 26 February 2014**

Per the provisions of the following standard.

EN61131-2: 2007 (Programmable Controllers, Third Edition/2007-07) Zone B

EN61010-1: 2010 and EN61010-2-201 (Safety)

**RoHS Directive 2011/65/EU of 8 June 2011**

More specifically, the following substances are restricted in the production of above products according to Directive limits:

Cadmium (Cd)	100 ppm
Hexavalent chromium (Cr <sup>6+</sup> )	1,000 ppm
Lead (Pb)	1,000 ppm
Mercury (Hg)	1,000 ppm
Polybrominated biphenyls (PBB's)	1,000 ppm
Polybrominated diphenyl ethers (PBDE's)	1,000 ppm

**REACH Directive EC No 1907/2006 of 18 December 2006**

The total amounts of the substances present are less than 0.1% weight X weight.

Rick Walker, Vice President

1/3/19

Date

The following modules are covered:

Power Supply: P1-01AC, P1-01DC<sup>1</sup>, P1-02AC<sup>1</sup>

PAC: P1-540, P1-550<sup>1</sup>

Discrete Input: P1-08ND3, P1-08SIM, P1-08NE3, P1-16NE3, P1-16ND3, P1-08NA

Discrete Output: P1-08TD1, P1-08TD2, P1-15TD1, P1-15TD2, P1-08TA

Discrete Combo: P1-16CDR, P1-15CDD1, P1-15CDD2

Relay Output: P1-08TRS, P1-16TR

Analog Input: P1-04AD<sup>1</sup>, P1-04ADL-1, P1-04ADL-2, P1-08ADL-1<sup>1</sup>, P1-08ADL-2<sup>1</sup>

Analog Output: P1-04DAL-1, P1-04DAL-2, P1-08DAL-1<sup>1</sup>, P1-08DAL-2<sup>1</sup>

Analog Combo: P1-4ADL2DAL-1, P1-4ADL2DAL-2

Temperature Modules: P1-04THM, P1-04NTC, P1-04RTD

High Speed Counter: P1-02HSC<sup>1</sup>

Pulse Width Modulation: P1-04PWM<sup>1</sup>

Note<sup>1</sup>: Launched in 2019

Additional Information:

It is required that all PLC equipment must be housed in a protective steel enclosure, which limits access to operators by lock and power breaker and that all cables exit enclosure, do so through metallic conduits.

The P1-16CDR and P1-16TR have the following limits in order to comply with 4.2.1 of EN 61131-2:2007.

- Compliant with screw panel mounted configuration.
- Limited in Din Rail mounted configuration from 5Hz to 75Hz.

P1-08TRS is limited to cable runs  $\leq 30$  m.