

## Declaration of Conformity

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Manufacturer's Name: Red Lion Controls  
Manufacturer's Address: 1750 5th Avenue, York PA 17403 USA

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Hereby, N-TRON Corporation declares that these industrial Ethernet devices are in compliance with the essential requirements and other relevant provisions of Directives 2014/30/EU, 2014/35/EU and 2011/65/EU Restriction of Hazardous Substance.

### Listing of Conforming Devices

|                |                      |             |                  |                   |
|----------------|----------------------|-------------|------------------|-------------------|
| 100-POE4       | 105FX-XX             | 108TX       | 708FXE2-XX-YY    | 716M12-HV         |
| 100-POE-SPL-12 | 105FXE-XX-YY         | 108TX-HV    | 716TX            | 1005TX            |
| 100-POE-SPL-24 | 105FXE-XX-YY-POE     | 702-W       | 716TX-HV         | 7018TX            |
| 100-POE-SPL-48 | 105M12               | 702M12-W    | 716FX2-XX        | 7018TX-HV         |
| 102MC-XX       | 105TX-POE            | 708TX       | 716FX2-XX-HV     | 7018FX2-XX        |
| 102MCE-XX-YY   | 105FX-POE            | 708M12      | 716FXE2-XX-YY    | 7018FX2-XX-HV     |
| 104TX          | 108M12               | 708M12-HV   | 716FXE2-XX-YY-HV | 7018FXE2-XX-YY    |
| 105TX          | 108M12-HV            | 708FX2-XX   | 716M12           | 7018FXE2-XX-YY-HV |
| 105TX-SL       | 1008TX               | 1000-POE+   | 7506GX2-XX-YY    | 1000-POE4+        |
| 1008TX-POE+    | NT24k Compact Series | NT24k-16M12 | NT24k-16M12-R    | NT5000 Series     |

Where XX = SC or ST fiber connector, YY = 15, 40, or 80 kilometers, POE = Power Over Ethernet, HV = High Voltage (10-60VDC for 100 series and 40-160VDC for 716 and 7018 series).

### Standards of Conformance

The products herewith comply with the requirements of EN 50155 (Railway applications – Electronic equipment used on rolling stock).

|                  |  |
|------------------|--|
| Emissions:       | EN 50121 (Railway Applications)<br>EN 55011 (RF Equipment)   |
| Immunity:        | EN 50121-3-2 (Conducted/Radiated Emissions and Immunity)<br>EN 61000-4-2 (ESD Immunity)<br>EN 61000-4-3 (Radiated Immunity)<br>EN 61000-4-4 (Electric Fast Transient Burst)<br>EN 61000-4-5 (Surge Susceptibility)<br>EN 61000-4-6 (Conducted RF)<br>EN 61000-4-8 (Power Frequency Magnetic Field)<br>EN 61000-4-11 (Voltage Dips and Interruptions) |
| Shock/Vibration: | EN 50155 and EN 61373 (Shock and Vibration)  |
| Environmental:   | EN 50155 (Railway Applications), and EN 45545-2 (Fire Protection)  |



Mr. John Maynard - Regulatory Manager

### Testing Facilities

Railway Technology Consultants Limited  
Units G11 & G12, Lathkill House  
RTC Business Park, London Road  
Derby, England DE24 8UP

TUV Rheinland of N.A.  
762 Park Avenue  
Youngsville, NC 27596 USA

Applied Technical Services, Inc.  
1049 Triad Court  
Marietta, GA 30062 USA

Advance Compliance Solutions,  
Inc. 5015 B.U. Bowman Drive  
Buford, GA 30518 USA

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