

# DECLARATION OF CONFORMITY

Listing of Conforming Devices : 710FX2-HV and 712FX4-HV (representative of the series including 709FX-HV, 711FX3-HV, 714FX6-HV and 7012FX2-HV). 709FX-xx-yy-HV, 709FXE-xx-yy-HV, 710FX2-xx-yy-HV, 710FXE2-xx-yy-HV, 711FX3-xx-yy-HV, 711FXE3-xx-yy-HV, 712FX4-xx-yy-HV and 712FXE4-xx-yy-HV  
E = Singlemode  
XX = ST for ST style fiber connector, SC for SC style fiber connector  
YY = Segment length:  
15 for 15km max. fiber segment length  
40 for 40km max. fiber segment length  
80 for 80km max. fiber segment length

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Product Specifications : These Industrial Ethernet Switches are fully managed housed in a compact, hardened enclosure with options up to 6 fiber ports.  
Redundant Power Inputs: 43-300VDC.  
Operating Temp.: -40°C to 70°C.

This product was tested by KEMA to the IEC 61850 Functional Tests (**including GOOSE Messaging**) for use in substations and industrial environments and found to support the functionality for use in an IEC 61850 network.

- IEC 61850-8-1 Communication Networks and Systems in Substations Media
- IEEE 802.1D Access Control (MAC) bridges
- IEEE 802.1W Rapid Spanning Tree (RSTP) using N-ring
- IEEE 802.1Q Virtual Local Area Networks (VLANs)

Tested by:

KEMA Nederland B.V., Arnhem, the Netherlands  
Test Report(s): 30102171-NMEA/MOC 11-0344

DoC ID : N-Tron\_DoC\_KEMA\_GOOSE  
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