

# Certificate of Compliance

**Certificate:** 1310991  
**Project:** 1310991

**Master Contract:** 173926  
**Date Issued:** July 19, 2002

**Issued to:** IMI Norgren Buschjost GmbH + Co. KG  
Detmolder Strasse 256  
Bad Oeynhausen, 32502  
GERMANY

*The products listed below are eligible to bear the CSA Mark shown  
with adjacent indicators 'C' and 'US'*



**Issued by:** E. Giusti

**Signature:**

A handwritten signature in blue ink, appearing to read 'E. Giusti', is written over a horizontal line.

## PRODUCTS

CLASS 3221 01 - VALVES  
CLASS 3221 81 - VALVES - CERTIFIED TO U.S. STANDARDS

Electrically operated valve coils for general purpose component type, for use with Buschjost/IMI Norgren valves.  
Medium: air, Types 8170.xxxxx to 8199.xxxxx, continuous duty, max ambient temperature -25/65°C, 12-250V ac, 50/60Hz, max 8W/16VA or 6-250V dc, max 12W.

## Notes:

1. The coils are Certified as component part of equipment where the suitability of the combination (including the combination coil/valve) is to be determined by CSA International.
2. No valves have been tested/evaluated in this Report.
3. Type reference may be preceded by 7 characters indicating the valve body and type of membrane. This is always a Buschjost/IMI Norgren valve body with a maximum stroke of 1mm. (No valves evaluated in this Report).
4. Character 8 and 9 indicate the coil designation, always 81.
5. Character 12 to 14 indicate supply voltage.
6. Character 15 and 16 indicate the frequency (00 for DC, 50 or 60 for AC).

## APPLICABLE REQUIREMENTS

CSA Std C22.2 No. 139-1982 - Electrically Operated Valves  
UL Std No. 429 - Electrically Operated Valves

## *Supplement to Certificate of Compliance*

**Certificate:** 1310991

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

<b>Project</b>	<b>Date</b>	<b>Description</b>
1310991	July 19, 2002	cCSAus Original Certification of valve coils 8170.xxxxx to 8199.xxxxx series.