



# DEMKO CERTIFICATE

<b>Certificate No.</b>	D-06404
<b>Page</b>	1/10
<b>Date of Issue</b>	2018-02-27
<b>Certificate Holder</b>	NATIONAL INSTRUMENTS CORP 11500 N MOPAC EXPY AUSTIN TX 78759-3504 USA
<b>Manufacturer</b>	NATIONAL INSTRUMENTS CORP 11500 N MOPAC EXPY AUSTIN TX 78759 USA
<b>Production site</b>	NI MALAYSIA SDN BHD NO 8 LEBUH BATU MAUNG 1, 11960 BAYAN LEPAS MALAYSIA  See Page 2
<b>Certified Product Model</b>	Measurement and Control System cRIO-9201, cRIO-9201 with DSUB, cRIO-9203, cRIO-9205, cRIO-9205 with DSUB, See Page 2
<b>Trademark</b>	
<b>Rated Voltage / Frequency</b>	See Pages 2-9
<b>Rated Current / Power</b>	See Pages 2-9
<b>Insulation Class</b>	Class I (PE connected)
<b>Degree of protection (IP)</b>	IP40 or IP30
<b>Tested acc. to</b>	EN 61010-1:2010, EN 61010-2-030:2010
<b>Test Report No.</b>	E183728-A12-IT-13 issued on 2018-02-27
<b>Additional</b>	This certificate replaces the certificate No. D-05801 dated 2017-04-03.
<b>Expire date</b>	2028-02-26

**Certification Manager**  
Jan-Erik Storgaard

This is to certify that representative sample(s) of the Product described herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the D Mark Requirements. The Designated Certificate holder is entitled to use the  or for cables <DEMKO> for the Certified Product manufactured at the production site(s) identified above, in accordance with the D Mark Service Agreement, including without limitation the D Mark Testing and Certification Services Service Terms. Only those Products bearing the D Mark should be considered as being covered by UL's D Mark Service. This Certificate shall remain valid through the expiration date, unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior the expiration date.

**Certification Body**

UL International Demko A/S, Borupvang 5A, DK-2750  
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# Appendix DEMKO CERTIFICATE

**Certificate No.** D-06404  
**Page** 2/10  
**Date of Issue** 2018-02-27

## Model Details:

### Measuring and Test System

cRIO-9201, cRIO-9201 with DSUB, cRIO-9203, cRIO-9205, cRIO-9205 with DSUB, NI 9207, cRIO-9207 with DSUB, NI 9208, cRIO-9208 with DSUB, NI 9209, NI 9209 with DSUB, NI 9210 with mini TC, cRIO-9211, NI 9212, TB-9212, cRIO-9213, cRIO-9214, NI TB-9214, cRIO-9215, cRIO-9215 with BNC, NI 9216, cRIO-9217, NI 9218, NI 9218 with DSUB, cRIO-9219, NI 9220, NI 9220 with DSUB, cRIO-9221, cRIO-9221 with DSUB, cRIO-9222, NI 9222 with BNC, cRIO-9223, NI 9223 with BNC, cRIO-9225, NI 9226, cRIO-9227, cRIO-9229, cRIO-9229 with BNC, NI 9230, NI 9232, cRIO-9233, cRIO-9234, cRIO-9235, cRIO-9236, cRIO-9237, cRIO-9237 with DSUB, NI-9238, cRIO-9239, cRIO-9239 with BNC, NI-9242, NI-9244, NI 9260 with BNC, NI 9260 miniXLR, cRIO-9263, cRIO-9264, cRIO-9264 with DSUB, cRIO-9265, cRIO-9269, NI 9344, cRIO-9375, cRIO-9375 with DSUB, NI 9381 with IDC, NI 9381 with DSUB, cRIO-9401, cRIO-9402, cRIO-9403 with DSUB, cRIO-9411, cRIO-9421, cRIO-9421 with DSUB, cRIO-9422, cRIO-9423, cRIO-9425 with DSUB, cRIO-9426 with DSUB, cRIO-9435, NI 9437, cRIO-9467, NI 9469, cRIO-9472, cRIO-9472 with DSUB, cRIO-9474, cRIO-9475 with DSUB, cRIO-9476 with DSUB, cRIO-9477, cRIO-9478 with DSUB, NI 9481, NI 9482, cRIO-9485, cRIO-9501, NI 9502, NI 9503, cRIO-9505, cRIO-9512, cRIO-9514, cRIO-9516, NI 9775, NI 9795, cRIO-9802, cRIO-9852, cRIO-9853, NI 9860/2, NI 9861, cRIO-9862, NI 9866, cRIO-9870, cRIO-9871, cRIO-9881, cRIO-9882, NI 9997, NI-XNET CAN HS/FD, NI-XNET CAN HS, NI-XNET LIN, NI-XNET CAN LS, NI-XNET CAN SW, NI-XNET CAN FD+PN

Products may also be referred to as NI XXXX, cRIO-XXXX, cDAQXXXX or XXXX, where XXXX is the four digit number.

## Production Sites:

NI HUNGARY KFT  
HATAR UT 1/A  
4031 DEBRECEN  
HUNGARY

BIZLINK CHINA INC  
1ST INDUSTRIAL ZONE FENGHUANG VLG  
FUYONG TOWN BAOAN DISTRICT  
SHENZHEN GUANGDONG 518103  
CHINA

## Ratings:

cRIO-9201,  
+/- 10V Working Voltage, 250V CAT II Channel to Earth  
cRIO-9201 with DSUB,  
+/- 10V Working Voltage, 60Vdc CAT I Channel to Earth  
cRIO-9203,

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# Appendix DEMKO CERTIFICATE

**Certificate No.** D-06404  
**Page** 3/10  
**Date of Issue** 2018-02-27

+/- 20mA, 30V Working Voltage, 250V CAT II Channel to Earth Iso  
<=2000m Altitude, 60VDC CAT I, Channel to Earth Iso <= 5000m  
Altitude

cRIO-9205,

+/- 10V Measuring Voltage, +/- 30V Working Voltage, 250V CAT II  
Channel to Earth Iso <=2000m Altitude, 60VDC CAT I, Channel to  
Earth Iso <= 5000m Altitude

cRIO-9205 with DSUB,

+/- 10v Measuring Voltage, +/- 30V Working Voltage, 60VDC CAT I  
Channel to Earth <= 5000 m Altitude

NI 9207

+/- 10Vdc Measurement Voltage, +/- 21.5mA Measurement Current,  
+/- 30 V Working Voltage, 250 Vrms CAT II Channel to Earth <=  
5000m Altitude

cRIO-9207 with DSUB,

20mA per channel, 60Vdc Channel to Earth, CAT I

NI 9208

+/- 21.5mA Measurement Current, +/- 30 V Working Voltage, 250  
Vrms CAT II Channel to Earth <= 4000m Altitude

cRIO-9208 with DSUB,

20mA per channel, 10V per channel, 60Vdc Channel to Earth, CAT I

NI 9209

+/- 10 Vdc Measurement Voltage, +/- 30 V Working Voltage, 250  
Vrms CAT II Channel to Earth <= 5000m Altitude

NI 9209 with DSUB

+/- 10 Vdc Measurement Voltage, +/- 30 V Working Voltage, 60 Vdc  
CAT I Channel to Earth, 1000 Vrms withstand <= 3000m Altitude,

860 Vrms withstand <= 5000m altitude

NI 9210 with mini TC

+/- 80mVdc Measurement Voltage, +/- 30 V Working Voltage, 60 Vdc  
CAT I Channel to Earth <= 5000m Altitude

cRIO-9211,

60Vdc Working Voltage, 250V CAT II Channel to Earth Iso <= 2000m  
Altitude, 60Vdc CAT I, Channel to Earth Iso <= 5000m Altitude

NI 9212,

+/- 78mV Working Voltage, 250V CAT II Channel to Earth, Channel  
to Channel Iso <=2000m Altitude, 60VDC CAT I, Channel to Earth,  
Channel to Channel Iso <= 5000m Altitude

TB-9212,

250V CAT II Channel to Earth, Channel to Channel Iso <=2000m  
Altitude, 60VDC CAT I, Channel to Earth, Channel to Channel Iso <=  
5000m Altitude

cRIO-9213,

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# Appendix DEMKO CERTIFICATE

**Certificate No.** D-06404  
**Page** 4/10  
**Date of Issue** 2018-02-27

+/- 78mV Working Voltage, 250V CAT II Channel to Earth Iso  
<=2000m Altitude, 60VDC CAT I, Channel to Earth Iso <= 5000m

Altitude

cRIO-9214,

250V Channel to Earth, CAT II

NI TB 9214,

250V Channel to Earth, CAT II

cRIO-9215,

+/- 30V Working Voltage, 250V CAT II Channel to Earth

cRIO-9215 with BNC,

+/- 30V Working Voltage, 60V CAT I Channel to Earth

NI 9216,

+/- 30 V Working Voltage, 250 V CAT II Channel to Earth <= 5000m

Altitude

cRIO-9217,

+/- 30V Working Voltage, 250V CAT II Channel to Earth Iso

<=2000m Altitude, 60VDC CAT I, Channel to Earth Iso <= 5000m

Altitude

NI 9218

30Vdc, Vsup Input, 60Vdc CAT I Channel to Earth, 60Vdc CAT I, Chto-

Ch Isolation. <= 5000m Altitude

NI 9218 with DSUB,

9-30Vdc, Vsup Input, 60Vdc CAT I Channel to Earth, <= 5000m

Altitude

cRIO-9219,

4-Ch Universal Input, 250V CAT II Channel to Channel, 250V CAT II

Channel to Earth

NI 9220

+/- 10V Working Voltage, 250V CAT II Channel to Earth Iso <=

2000m altitude, 60 Vdc CAT I, Channel to Earth Iso <=5000m altitude

NI 9220 with DSUB,

+/- 10V Working Voltage, 60 VDC CAT I, Channel to Earth Iso <=

5000m Altitude

cRIO-9221,

+/- 60V Working Voltage, 250V Channel to Earth

cRIO-9221 with DSUB,

+/- 60V Working Voltage, 60Vdc CAT I Channel to Earth

cRIO-9222,

60Vdc Channel to Earth, 60 Vdc Channel to Channel, CAT I

NI 9222 with BNC,

60Vdc Channel to Earth, 60 Vdc Channel to Channel, CAT I, <=

5000m Altitude

cRIO-9223,

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# Appendix DEMKO CERTIFICATE

**Certificate No.** D-06404  
**Page** 5/10  
**Date of Issue** 2018-02-27

60Vdc Channel to Earth, 60 Vdc Channel to Channel, CAT I  
NI 9223 with BNC,  
60Vdc Channel to Earth, 60 Vdc Channel to Channel, CAT I, <=  
5000m Altitude  
cRIO-9225,  
300Vrms Working Voltage, 600Vrms CAT II Channel to Channel, 300  
Vrms CAT II Channel to Earth  
NI 9226,  
+/- 30 V Working Voltage, 250 V CAT II Channel to Earth <= 5000m  
Altitude  
cRIO-9227,  
5A Continuous, 300V CAT II Channel to Earth, 300V Channel to  
Channel  
cRIO-9229,  
+/- 60V Working Voltage, 250V CAT II Channel to Channel, 250V  
CAT II Channel to Earth  
cRIO-9229 with BNC,  
+/- 60V Working Voltage, 60V CAT I Channel to Channel, 60V  
Channel to Earth  
NI 9230,  
+/- 30 V Working Voltage, 60 Vdc CAT I Channel to Earth  
NI 9232,  
+/- 30V Working Voltage, 60VDC CAT I Channel to Earth  
cRIO-9233,  
+/- 5V Working Voltage, 30 V CAT I Channel to Earth  
cRIO-9234,  
+/- 5V Working Voltage, 30 Vdc CAT I <= 5000m altitude  
cRIO-9235,  
2Vdc Working Voltage, 60Vdc CAT I Channel to Earth, <= 5000 m  
Altitude  
cRIO-9236,  
3.3Vdc Working Voltage, 60Vdc CAT I Channel to Earth,<= 5000m  
altitude  
cRIO-9237,  
+/- 30V Working Voltage, 60VDC CAT I Channel to Earth, <= 5000m  
altitude  
cRIO-9237 with DSUB,  
3.3Vdc Working Voltage, 60Vdc CAT I Channel to Earth, <= 5000m  
altitude  
NI-9238  
0.3 Vdc or 0.5 Vdc Working Voltage, 250 V CAT II Channel to Earth  
and Channel to Channel <= 2000 m Altitude, 60 V CAT I Channel to  
Earth and Channel to Channel <= 5000 m Altitude

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# Appendix DEMKO CERTIFICATE

**Certificate No.** D-06404  
**Page** 6/10  
**Date of Issue** 2018-02-27

cRIO-9239,  
+/- 10V Working Voltage, 250V CAT II Channel to Channel, 250V  
CAT II Channel to Earth  
cRIO-9239 with BNC,  
+/- 10V Working Voltage, 60V CAT I Channel to Channel, 60V CAT I  
Channel to Earth  
NI-9242  
250 V Working Voltage, 250 V CAT III Channel to Earth <= 5000 m  
Altitude  
NI-9244  
400 Vrms L-N, 800 Vrms L-L Working Voltage, 400 V CAT III  
Channel to Earth <= 2000 m Altitude, 400 V CAT II or 300 V CAT III  
Channel to Earth <= 5000 m Altitude  
NI 9260 with BNC  
±3Vrms output, 7mA <= 5000m Altitude  
NI 9260 miniXLR  
±3Vrms output, 7mA <= 5000m Altitude  
cRIO-9263,  
+/- 10V Working Voltage, 250V CAT II Channel to Earth Iso <=  
2000m Altitude, 60 VDC CAT I, Channel to Earth Iso <= 5000m  
Altitude  
cRIO-9264,  
+/- 10V Working Voltage, 250V CAT II Channel to Earth, 10 V CAT I  
Channel to COM  
cRIO-9264 with DSUB,  
+/- 10V Working Voltage, 60Vdc CAT I Channel to Earth <= 5000 m  
Altitude  
cRIO-9265,  
20mA Output, +/- 36Vdc Working Voltage, 250V CAT II Channel to  
Earth Iso <=2000m Altitude, 60VDC CAT I, Channel to Earth Iso <=  
5000m Altitude  
cRIO-9269,  
+/- 10V Working Voltage, 250V CAT II Channel to Earth, 250V  
Channel to Channel  
NI 9344  
[5V Internal] <= 5000m Altitude  
cRIO-9375,  
30Vdc Vsup to Common and Channel to Common, 60Vdc DI to DO,  
60Vdc CAT I, Channel to Earth, <=3000M altitude, 60Vdc CAT I, 860  
V withstand, >= 5000m altitude  
cRIO-9375 with DSUB,  
30Vdc Vsup to Common and Channel to Common, 60Vdc DI to DO,  
60Vdc CAT I, Channel to Earth, 1000 V withstand, <=3000 m

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# Appendix DEMKO CERTIFICATE

**Certificate No.** D-06404  
**Page** 7/10  
**Date of Issue** 2018-02-27

altitude, 60Vdc CAT I, 860 V withstand, <= 5000m altitude  
NI 9381 with IDC,  
0-5V Working Voltage  
NI 9381 with DSUB,  
0-5V Working Voltage  
cRIO-9401,  
+/- 30V Working Voltage, 60V CAT I Channel to Earth  
cRIO-9402,  
+/- 5Vdc Working Voltage  
cRIO-9403 with DSUB,  
5Vdc Working Voltage, 60Vdc CAT I Channel to Earth, 1000 V  
withstand <=3000m Altitude, 60VDC CAT I, 860 V withstand <=  
5000m Altitude  
cRIO-9411,  
30V Working Voltage, 30V CAT I Channel to Earth  
cRIO-9421,  
30V Working Voltage, 250V CAT II Channel to Earth  
cRIO-9421 with DSUB,  
30V working Voltage, 60Vdc CAT I Channel to Earth  
cRIO-9422,  
+/- 60V Working Voltage, 250V CAT II Channel to Channel, 250V  
CAT II Channel to Earth  
cRIO-9423,  
30V Working Voltage, 250V CAT II Channel to Earth  
cRIO-9425 with DSUB,  
60Vdc Working Voltage, 60Vdc CAT I, Channel to Earth  
cRIO-9426 with DSUB,  
30V Working Voltage, 60Vdc CAT I Channel to Earth  
cRIO-9435,  
250V Working Voltage, 250V CAT II Channel to Earth  
NI 9437,  
300Vac/dc Working Voltage, 300V CAT II Channel to Earth  
<= 5000 m Altitude  
cRIO-9467,  
Antenna output 5Vdc, 30mA  
NI 9469,  
-1.4V -3.8V Working Voltage  
cRIO-9472,  
30V Working Voltage, 0.75A per Channel, 250V CAT II Channel to  
Earth  
cRIO-9472 with DSUB,  
30V Working Voltage, 0.75A per Channel, 60V CAT I Channel to  
Earth

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# Appendix DEMKO CERTIFICATE

**Certificate No.** D-06404  
**Page** 8/10  
**Date of Issue** 2018-02-27

cRIO-9474,  
30V Working Voltage, 1.0A per Channel, 250V CAT II Channel to Earth  
cRIO-9475 with DSUB,  
60Vdc Working Voltage, 60Vdc CAT I, Channel to Earth  
cRIO-9476 with DSUB,  
36V Working Voltage 0.250 A per Channel, 60 Vdc CAT I Channel to Earth  
cRIO-9477,  
+/- 60V Working Voltage, 60Vdc CAT I Channel to Earth  
cRIO-9478 with DSUB,  
+/- 50Vdc Working Voltage, 60Vdc CAT I Channel to Earth  
NI 9481,  
30Vdc, 2A or 60Vdc, 1A, 250Vac, 2A per Channel  
250V CAT II Channel to Earth  
NI 9482,  
30 Vdc, 1.5A; 60 Vdc, 1A; 250 Vrms, 2.5A  
Working Voltages, 250 V CAT II Channel to Earth, Channel to Channel  
5,000m Altitude  
cRIO-9485,  
+/- 60Vdc Working Voltage, 250V CAT II Channel to Channel, 250V CAT II Channel to Earth, <=2000m Altitude, 60VDC CAT I, 1000 V withstand <= 5000m Altitude  
cRIO-9501,  
9-30Vdc Working Voltage, 3A, 60Vdc CAT I Channel to Earth  
NI 9502,  
9-30Vdc Working Voltage, 4A, 60Vdc CAT I Channel to Earth  
NI 9503,  
9-30Vdc Working Voltage, 3A, 60Vdc CAT I Channel to Earth  
cRIO-9505,  
8 - 30Vdc Working Voltage, 1A Continuous, 6A Peak, up to 70°C, 5A Continuous, 12A Peak, up to 55°C, 60Vdc CAT I Channel to Earth  
cRIO-9512,  
30 Vdc CAT I Signal to Earth <= 5000 m Altitude  
cRIO-9514,  
30 Vdc CAT I Signal to Earth <= 5000 m Altitude  
cRIO-9516,  
30 Vdc CAT I Signal to Earth <= 5000 m Altitude  
NI 9775  
+/- 10 Vdc Measurement Voltage, +/- 30 V Working Voltage, Non-Isolated Module <= 5000m Altitude  
NI 9795,

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# Appendix DEMKO CERTIFICATE

**Certificate No.** D-06404  
**Page** 9/10  
**Date of Issue** 2018-02-27

N/A  
cRIO-9802,  
N/A  
cRIO-9852,  
-27Vdc to +40Vdc Working Voltage, 60Vdc CAT I Port to Earth, Port  
to Port  
cRIO-9853,  
-27Vdc to +40Vdc Working Voltage, 60Vdc CAT I Port to Earth, Port  
to Port  
NI 9860/2,  
9-30Vdc, 1.6W  
NI 9861,  
9-30Vdc - Vsup, 60Vdc CAT I Port-to-Earth  
cRIO-9862,  
9-30Vdc - Vsup, 60Vdc CAT I Port to Earth  
NI 9866,  
8-18Vdc - Vsup, 60Vdc CAT I Channel to Earth  
cRIO-9870,  
+/- 25V Working Voltage, 60Vdc CAT I Channel to Earth  
cRIO-9871,  
-8Vdc to +13Vdc Working Voltage, 60Vdc CAT I Channel to Earth  
cRIO-9881,  
9-30Vdc - Vsup, 60Vdc CAT I Channel to Earth, 1000 V withstand  
<=3000m Altitude, 60VDC CAT I, 860 V withstand <= 5000m Altitude  
cRIO-9882  
9-30Vdc - Vsup, 60Vdc CAT I Channel to Earth  
NI-XNET CAN HS/FD, NI-XNET CAN HS, NI-XNET LIN, NI-XNET  
CAN LS, NI-XNET CAN SW, NI-XNET CAN FD+PN  
5Vdc, 60Vdc CAT I Channel to Earth  
NI 9997  
300V CAT II Channel to Channel, Channel to Earth, 11A <= 3000m  
Altitude

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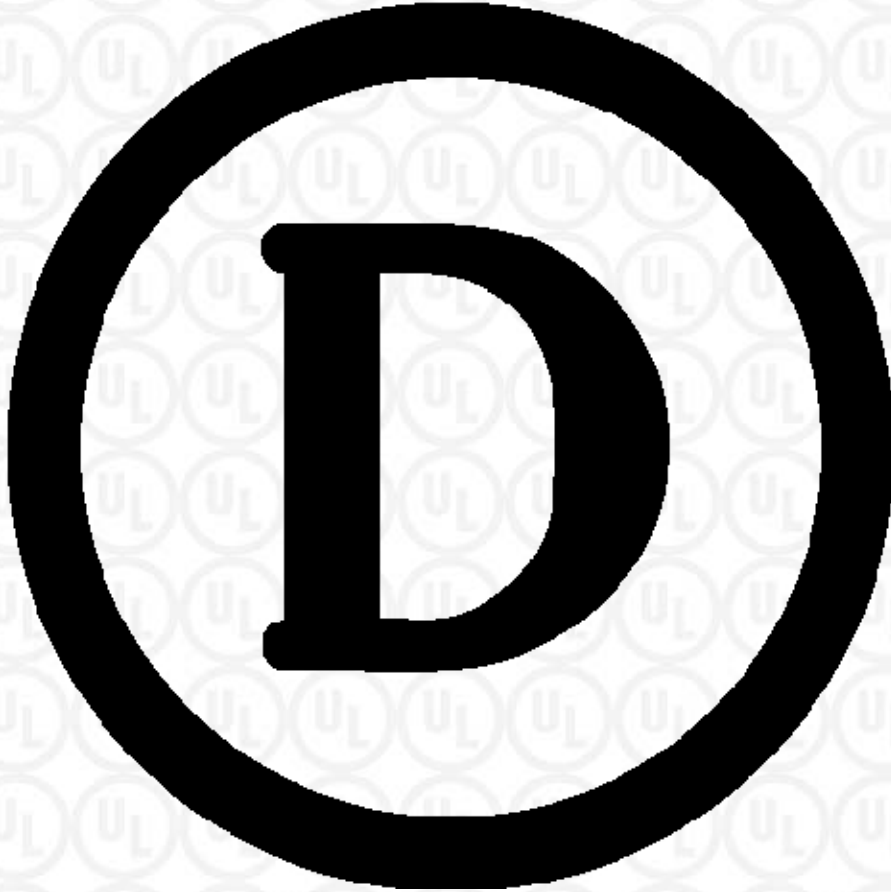
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# Appendix DEMKO CERTIFICATE

Certificate No. D-06404  
Page 10/10  
Date of Issue 2018-02-27



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