

SIZE A	DWG NO 172M8552	SH 1	REV A
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UK DECLARATION OF CONFORMITY

Product	Nexus OnCore Control System Modules
Name and address of the manufacturer	Nexus Controls LLC 1800 Nelson Rd. Longmont, CO 80501, USA
This declaration of conformity is issued under the sole responsibility of the manufacturer.	
Object of declaration	Nexus OnCore Control System Modules <div style="text-align: center;"> II 3 G Ex ec nC IIC T4 Gc -20 °C ≤ Ta ≤ +50 °C (model and catalogue numbers in Appendix 1) </div>
The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:	
Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres Regulations 2016 (SI 2016 No. 1107) Electromagnetic Compatibility Regulations 2016 (SI 2016 No. 1091) The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (SI 2012 No. 3032)	
References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:	
EN IEC 60079-0:2018 EN IEC 60079-7:2015/A1:2018 EN 60079-15:2010	EN IEC 60079-15:2019 EN 61326-1:2013 EN IEC 63000:2018
UK approved body: 0359 Intertek Testing & Certification LTD. Certificate#: ITS121UKEX0289X	
Additional information:	User manual: NCM10080
Signed for and on behalf of:	Nexus Controls LLC
Place and date of issue:	1800 Nelson Rd., Longmont, CO 80501, USA, 2023 August 10
Name, function:	Luis Blasini Technology Executive
Signature:	

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SIZE

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CAGE CODE

NONE

DWG NO

172M8552

DRAWN Ilona Horvath
ISSUED 2023-Jun-16

SCALE: NONE

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Appendix 1

Model / Catalogue number	Description
MPU55 (MPU55-CBAUS)	Controller Module
MPU56 (MPU56-CBAUS)	Controller Module
MPU57 (MPU57-CBAUS)	Controller Module
MPU70 (MPU70-CBBUS)	Controller Module
MAI50 (MAI50-CBAUS)	mA/V analog input module 16 channels
MAI51 (MAI51-CBAUS)	TC/RTD analog input module 16 channels
MAI52 (MAI52-CBAUS)	mA/V Analog input module 8 channels
MAI53 (MAI53-CBAUS)	mA/V Analog input module 16 channels with individual ADC
MAI54 (MAI54-CBAUS)	mA/V Analog Input Module 8 Channels with Individual ADC, fast sampling
MHT50 (MHT50-CBAUS)	mA/V Analog input module 8 channels with HART
MAO50 (MAO50-CBAUS)	mA/V analog output module 8 channels
MHO50 (MHO50-CBAUS)	mA/V Analog output module 8 channels with HART
MDI50 (MDI50-CBAUS)	Digital input Module 32 channels
MDI50A (MDI50A-CBAUS)	Option board to MDI50 module, 32CHs 24VDC Digital Input
MDI52 (MDI52-CBAUS)	Digital input module 16 channels
MDO55 (MDO55-CBAUS)	Digital output 16 channels with source transistor output
MVP50 (MVP50-CBBUS)	HS Valve Position Control Module
MVP53 (MVP53-CBAUS)	TMR Valve Position Control Module
BVP53 (BVP53-CBAUS)	TMR Valve Position Control Base Module (for MVP53)
MCD50 (MCD50-CBAUS)	iLink & 24VDC Extension Module
MCD51 (MCD51-CBAUS)	iLink & 24VDC Extension Module
MLP50 (MLP50-CBAUS)	TMR programmable logic control module
MDI53 (MDI53-CBAUS)	Digital Input Module 24/48/125VDC 16 channels
MDO53 (MDO53-CBAUS)	Digital output module 16 AC relay channels
BLP50 (BLP50-CBAUS)	TMR Programmable Logic Protection Base Module
2O03 (2O03-CBAUS)	2O03 Relay Module
RAO70 (RAO70-CBBUS)	8CHs Analog Output Module
BAO70 (BAO70-CBBUS)	DMR Base Board Module
BAO70S (BAO70S-CBBUS)	Base Board Module
RDO70 (RDO70-CBBUS)	16CHs Digital Output Module
BDO70 (BDO70-CBBUS)	DMR Transfer Base Board Module
BDO70S (BDO70S-CBBUS)	Transistor Base Board Module

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