

LICENCE CERTIFICATE

for TÜV Rheinland Test Mark

968/EL 214.01/12

Licence holder:		COMITRONIC-BTI ZI Nord des Richardets 34, Allée du Closeau 93160 Noisy Le Grand France																																																																																												
Manufacturer:		see licence holder																																																																																												
Date of application:	File ref.:	Date of issue:																																																																																												
2012-01-19	968/EL 214.01/12	2012-07-27																																																																																												
Description:				Annual Fee-Units 6																																																																																										
Product tested: Guard Interlocking coded proximity switch																																																																																														
Type designation: AMX 3, AMX 4, AMX 5, AMX 5C Boster Massimoto X5.2																																																																																														
<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">Safety Output</th> <th colspan="2">Auxiliary Output</th> <th rowspan="2">LED on receiver</th> <th rowspan="2">Wire 3, 6 or 12m</th> <th rowspan="2">Straight M12</th> <th rowspan="2">Inlet M12</th> <th colspan="2">housing</th> <th rowspan="2">Magnet inter locking</th> </tr> <tr> <th>Normally open</th> <th>Normally close</th> <th>PNP</th> <th>PNP</th> <th>Plastic</th> <th>Stainless steel</th> <th>40 N</th> </tr> </thead> <tbody> <tr> <td>AMX3</td> <td>1</td> <td>1</td> <td>0</td> <td>1</td> <td></td> <td>ref+MKT</td> <td>0</td> <td></td> <td>ref+OX</td> <td>0</td> <td></td> </tr> <tr> <td>AMX4</td> <td>2</td> <td>0</td> <td>0</td> <td>1</td> <td>standard</td> <td></td> <td>0</td> <td></td> <td></td> <td>0</td> <td></td> </tr> <tr> <td>AMX5</td> <td>2</td> <td>0</td> <td>1</td> <td>1</td> <td></td> <td>ref+MKT</td> <td>0</td> <td>Standard out only</td> <td>ref+OX</td> <td>0</td> <td></td> </tr> <tr> <td>AMX5C</td> <td>2</td> <td>0</td> <td>1</td> <td>1</td> <td>0</td> <td>0</td> <td>standard</td> <td></td> <td>0</td> <td>0</td> <td></td> </tr> <tr> <td>BOSTER</td> <td>2</td> <td>0</td> <td>1</td> <td>0</td> <td>standard</td> <td>ref+MKT</td> <td>0</td> <td>0</td> <td></td> <td>standard</td> <td></td> </tr> <tr> <td>X5.2</td> <td>2</td> <td>1</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>standard</td> <td>Standard in & out</td> <td></td> <td>0</td> <td></td> </tr> </tbody> </table>						Safety Output		Auxiliary Output		LED on receiver	Wire 3, 6 or 12m	Straight M12	Inlet M12	housing		Magnet inter locking	Normally open	Normally close	PNP	PNP	Plastic	Stainless steel	40 N	AMX3	1	1	0	1		ref+MKT	0		ref+OX	0		AMX4	2	0	0	1	standard		0			0		AMX5	2	0	1	1		ref+MKT	0	Standard out only	ref+OX	0		AMX5C	2	0	1	1	0	0	standard		0	0		BOSTER	2	0	1	0	standard	ref+MKT	0	0		standard		X5.2	2	1	0	1	0	0	standard	Standard in & out		0
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AMX5	2	0	1	1		ref+MKT	0	Standard out only	ref+OX	0																																																																																				
AMX5C	2	0	1	1	0	0	standard		0	0																																																																																				
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X5.2	2	1	0	1	0	0	standard	Standard in & out		0																																																																																				
Annual fee:																																																																																														
The test sample		<input checked="" type="checkbox"/>	will be kept by TÜV Rheinland Industrie Service GmbH																																																																																											
Special remarks: Report-No.: 968/EL 214.01/12 dated 2012-07-27 and EC Type-Examination Certificate Reg.-No.: 01/205/5238/12 dated 2012-07-27																																																																																														
This licence certificate is valid until 2017-07-27.																																																																																														

Test mark:



The licence for the using of the TÜV Rheinland Test Mark is only valid for the licence holder and can only be transferred from TÜV Rheinland Industrie Service GmbH to third persons.

The right for the using of the Test Mark is restricted to such products which are described and are examined by TÜV Rheinland Industrie Service GmbH appropriately.

This Licence certificate has to be given back to TÜV Rheinland Industrie Service GmbH if it is being declared as invalid.

Furthermore all clauses of the Test Mark Regulations apply.

TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit
Am Grauen Stein, 51105 Köln

2012-07-27
Date

Company stamp


Dr.-Ing. Thorsten Gantevoort



TÜVRheinland®

ZERTIFIKAT
CERTIFICATE

EC Type-Examination Certificate

Reg.-No.: 01/205/5238/12

Product tested	Logic unit to ensure safety functions / Coded Safety Proximity Switch	Certificate holder	COMITRONIC-BTI ZI Nord des richardets 34 Allée du closeau 93160 NOISY LE GRAND France
Type designation	AMX 3, AMX 4, AMX 5, AMX 5C, Boster, Massimotto X5.2	Manufacturer	see certificate holder
Codes and standards forming the basis of testing	EN 60947-5-3:1999+ A1:2005 EN 60947-5-2:1998+ A1:1999 + A2:2004 EN 62061:2005		EN 1088:1995 + A2:2008 EN 50178:1997 EN 60204-1:2006 + A1:2009 + AC:2010 (in extracts)
Intended application	Based on the results of the inspection / review of the submitted documents and the test sample it can be confirmed that the products comply with the requirements of the relevant standards: EN 60947-5-3 PDF-S EN 62061 SIL CL 2 Hence they are suitable for the use in applications up to SIL 2 according to EN 62061 and up to PL d according to table 3 and 4 of EN ISO 13849-1.		
Specific requirements	The instructions of the associated Installation and Operating Manual shall be considered.		
It is confirmed, that the product under test complies with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.			
This certificate is valid until 2017-07-27.			



The test report-no.: 968/EL 214.01/12 dated 2012-07-27 is an integral part of this certificate.

The holder of a valid licence certificate for the product tested is authorized to affix the test mark shown opposite to products, which are identical with the product tested.



E. Frejno
Dipl.-Ing. Eberhard Frejno

Berlin, 2012-07-27

Certification Body for Machinery, NB 0035