



EU Declaration of conformity

This declaration is issued under the sole responsibility of the manufacturer and declares that the following product is according to the requirements of the directive 2014/30/EU regarding EMC and the directive 2014/34/EU regarding ATEX.

Manufactured by:	Eltomatic A/S Fabriksvej 6 DK-9490 Pandrup Denmark
Product:	Electronic incremental encoder intended for use in potentially explosive atmospheres. The encoder cable must be routed and externally fixed in such a way that it is protected against mechanical damage. The encoder is constructed with a permanently connected cable, which must be connected in a safe area or by use of a certified "e" or "d" junction box certified in accordance with EN60079-7 or EN60079-1.
Model(s):	01-08
ATEX marking:	 II 1G Ex d+ib IIB T4 Ga 5V ver.: Ui ≤ 8V DC, Ii ≤ 260 mA, Li ≤ 35 uH, Ci ≤ 30 nF, Pi ≤ 1.25 W 12V ver.: Ui ≤ 15V DC, Ii ≤ 260 mA, Li ≤ 35 uH, Ci ≤ 30 nF, Pi ≤ 1.25 W -25°C to +60°C (-30°C to +70°C with fixed mounted cable)
ATEX certificate number:	TÜV 15 ATEX 167275 X
IECEX marking:	Ex d+ib IIB T4 Ga -25°C to +60°C
IECEX certificate number:	IECEX TUN 15.0035X
Issued by:	TÜV NORD CERT Gmbh Hannover Office Am TÜV 1 D-30519 Hannover Germany
CE marking:	 The CE-mark on the label is according to the directive 2014/30/EU regarding EMC and the directive 2014/34/EU regarding ATEX
A sample of this product has been tested and found to be in conformity with the following standards:	
EMC	
EN 61000-6-4:2007:	Generic standard - Emission standard for industrial environments
EN 61000-6-2:2005:	Generic standard - Immunity for industrial environments
ATEX	
EN 60079-0:2012:	Explosive atmospheres. Equipment - General requirements
EN 60079-1:2014:	Explosive atmospheres. Equipment protection by flameproof enclosures "d"
EN 60079-11:2012:	Explosive atmospheres. Equipment protection by intrinsic safety "i"
EN 60079-26:2015:	Explosive atmospheres. Equipment with equipment protection level (EPL) Ga
IECEX	
IEC 60079-0:2011:	Explosive atmospheres - part 0: Equipment - General requirements
IEC 60079-1:2014:	Explosive atmospheres - part 1: Equipment protection by flameproof enclosure "d"
IEC 60079-11:2011:	Explosive atmospheres - part 11: Equipment protection by intrinsic safety "i"
IEC 60079-26:2014:	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga

Date

26. marts 2019

Eckhard Hahne, Eltomatic A/S, Managing director