Declaration of EC-Conformity

We

ecom instruments GmbH
Industriestraße 2 · 97959 Assamstadt

declare under our sole responsibility that the product

i.roc 6* -Ex / *i.roc* 6* N -Ex and *i.roc* 62. -Ex

to which this declaration relates is in accordance with
the provision of the following directives

94/9/EC	equipment and protective systems intended for use in potentially explosive atmospheres
99/5/EC	radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity
89/336/EEC	electromagnetic compatibility
73/23/EEC	electrical equipment designed for use within certain voltage limits
	and is in conformity with the following standards or other normative documents
EN 50014:1997 +A1 +A2	Electrical apparatus for potentially explosive atmospheres General requirements
EN 50020:2002	Electrical apparatus for potentially explosive atmospheres - Intrinsic safety "i"
EN 50281-1-1:1998[1)]	Electrical apparatus for use in the presence of combustible dust Electrical apparatus protected by enclosures; construction and testing
EN 50303:2000[2)]	Group 1, category M1 equipment intended to remain functional in atmospheres endangered by firedamp and/or coal dust.
EN 55022:2003 (CISPR 22:1997)	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement
EN 55024:1998 +A1 +A2	Information technology equipment - Immunity characteristics - Limits and methods of measurement

EN 61000-3-2:2000 (IEC 61000-3-2:2000)	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions
EN 61000-3-3:1997 +A1 (IEC 61000-3-3:1994 +A1)	Electromagnetic compatibility (EMC) - Part 3-3: Limits Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems.
EN 60950:2001 (IEC 60950:2001)	Information technology equipment - Safety
ETS 300328-2	Electromagnetic compatibility and Radio spectrum Matters (ERM)-Wideband Transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using spread spectrum modulation techniques.
EN 301489-1	Electro Magnetic Compatibility Standard for Radio Equipment and Services
EN 301489-17	Specific EMC Conditions for Wideband Data and Hiperlan Equipment
EN 300330 EN 301489-03	for RFID 125kHz; 13,56 MHz reader
1) at	Ex II 2G EEx ia IIC T4 Ex II 2D T99°C IP65
2) at	Ex I M1 EEx ia I

ecom instruments GmbH

Assamstadt 13.11.2006

management board

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