



EU-DECLARATION OF CONFORMITY


Herewith we declare that the data acquisition systems of type range

PWBlogg N6/..

complies with the directive **2014/30/EU** in reference to electromagnetic compatibility and **2014/34/EU** for equipment and protective systems for use according to regulations in consideration of explosion-hazard areas. The data acquisition system has been developed according to following harmonised standards:

EN 61 000-6-3:2011-09	subject basic standard for emitted interference – emitted interference for living quarters, business- and trade as well as small firms
EN 61000-6-2:2011-06	subject standard for interference resistance– industrial sector
EN 60079-0:2014-06	electrical equipment for explosion-hazard areas, section 0: general requirements
EN 60079-11:2012-06	potentially explosive atmosphere - section 11: equipment protection by intrinsic safety „i“
EN 60079-15:2011-02	electrical equipment for explosion-hazard areas, section 15: construction, test and marking of electrical equipment of ignition protection type „n“

Marking as category 3 - equipment for use in explosion-hazard areas of the zone 2:

 **II3G Ex nA [ic] IIB T4**
-20 °C ≤ Ta ≤ +60 °C

Digital input intrinsically safe
Supply specifications:

$U_0 = 13,2 \text{ V}$ $C_i = 1 \text{ nF}$
 $I_0 = 13,5 \text{ mA}$ $L_i = \text{insignificant}$
 $P_0 = 44 \text{ mW}$

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The safety advice of the product documentation must be followed!

Ballenstedt, 20.04.2016

Wegener
Managing Director