

**ATEX****II 2G Ex h IIC T4 Gb**

EU-Declaration of Conformity

in compliance with the terms of the Directive 2014/34/EU for equipment and protective systems intended for use in potentially explosive atmospheres

The Manufacturer: Crane Process Flow Technologies GmbH
Heerdter Lohweg 63-71, D-40549 Düsseldorf,
www.elropumps.com

declares that the pump units manufactured in series production

Description: ELRO Peristaltic Pump and ELRO Peristaltic Pump head with or without base frame

Series IP: IP100, IP200, IP400, IP600 und IP800

Series XP: XP200, XP400 und XP800

Material Pumping hose: NR, CSM und EPDM are in antistatic design
NBR with insulating hose core
In the case of liquids with low conductivity (<50pS/m), the conformity must be proven by the operator through his own ignition risk assessment. For this purpose, it must be proven in by pumping tests that dangerously high electrostatic charges cannot occur on the sides of the conveying hoses that come into contact with the rotor

Connecting Ports: Stainless Steel or PP electrically conductive

Base frames: Flanged engine frame with coupling guard casing and frame for spur wheel gear motor

Drives and Coupling: All drives have their own declaration of conformity issued by the supplier

Installed electrical components: All installed electrical components have their own declaration of conformity issued by the supplier

in the version delivered by us, is in compliance with the following applicable regulations:

EU-Directive: Directive 2014/34/EU for equipment and protective systems intended for use in potentially explosive atmospheres

**Conformity-
Assessment procedures:** Equipment group II, Category 2G, Explosion group IIC
Temperature class T4, Equipment Protection Level (EPL) Gb

Harmonised Standards: DIN EN 1127-1:2019-10
DIN EN ISO 80079-36:2016-12
DIN EN ISO 80079-37:2016-12

Place / Date: Düsseldorf, 25.11.2022

Signature of Manufacturer:

Information on Signatory: Christian Gunske, Vice President / General Manager Pumps