

Lenzburg, October 2021

Declaration of Conformity according to Directive 2014/34/EU


We as manufacturer under the sole responsibility hereby declare that the following described product complies with the essential health and safety requirements relating to the design and construction of equipment intended for use in potentially explosive atmosphere, given in Annex II to the directive 2004/34/EU.


Manufacturer: ZUERCHER TECHNIK AG, Neumattstrasse 6, CH 4450 Sissach
Product: low pressure regulator
Type: reducing valve
BR/BRP/BRN/BRPN/BRC/BRCP/BRCN/BRCPN
pressure relief valve
BS/BSP/BSN/BSPN/BSC/BSCP/BSCN/BSCP
Shape: Inline (i) and angle pattern (e)
Nominal size: DN15 to DN100, ½ " to 4"


The mentioned products meet the following EU-regulation: DIRECTIVE 2014/34/EU


Applied standard: EN ISO 80079-36:2016

The pressure regulators are suitable for installation in potentially explosive atmosphere, within the limits of the following classified areas, providing that declared performance and use installation instructions are respected.


with seal material FPM/FKM
 II 2G Ex IIB 85°C..120°C Gb

 II 2D Ex IIIC 85°C..120°C Db
-20°C .. Ta .. +60°C

with seal material FFPM/FFKM/PTFE
 II 2G Ex IIB 85°C..160°C Gb

 II 2D Ex IIIC 85°C..160°C Db
-20°C .. Ta .. +60°C

with seal material FFPM/FFKM/Gylon®
 II 2G Ex IIB 85°C..200°C Gb

 II 2D Ex IIIC 85°C..200°C Db
-20°C .. Ta .. +60°C

The operating, maintenance, and safety instructions applicable to the products as well as the corresponding assembly instructions must be complied with. Attention must be paid to the integration into the plant potential equalization.

Authorized person of the manufacturer Zuercher Technik AG:



Richard Zingg / Engineering