

## EU Declaration of Conformity

BC-Systemtechnik GmbH & Co. KG, D-44004 Dortmund, Germany declares on its sole responsibility that the following Ex products conform to the safety standards:

### DMT 02 ATEX E 089

Valve solenoid *.7.**.***	⊕ I M2 Ex ia I Mb
Valve solenoid *.6.**.***	⊕ I M2 Ex ia I Mb
Valve solenoid *.5.**.***	⊕ I M2 Ex ia I Mb

The type examination certificates named above issued by DMT - Deutsche Montan Technologie GmbH, D-44809 Bochum, Germany DEKRA Testing and Certification GmbH (Authorisation Office No. 0158).

According to the type plates, the valves of type:

BC 40; BC 72; BC 75; BC 220; BC 310; BC 240; BC 248; BC 0821xxx; BC 0824xxx are jointly suitable for being used with the above valve solenoids pursuant to category **I M2**. The use is restricted as shown on the solenoid's type plate and not admissible without the above BC solenoid. Please observe the operating instructions for both the valve and the solenoid. (Storage No: BVS 12 ATEX H/B 042)

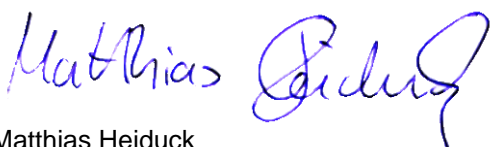
The devices conform to the following standards:

DIN EN IEC 60079-0:2018	Electrical devices for hazardous areas (explosive) (General provisions)
DIN EN 60079-11:2012	Electrical devices for hazardous areas (explosive) (Intrinsic safety i)
DIN VDE 0580.2011-11	General requirements for electromagnetic devices
DIN EN 13463-1:2009	Non-electric equipment (Fundamentals)
2014/34/EU	ATEX Directive

Solenoids, as drive elements for valves, do not constitute devices which can be independently operated in the sense of the EMV Directive, and are only further processed by expert operations or installed into a machine. Bringing into service is forbidden until it has been established that the overall machine or system conforms to the requirements of the EMV Directive.

Changes may be made for reasons of technical improvement.

Dortmund 08.01.2020



Matthias Heiduck  
Managing Director

Only the German version is legally valid

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Valve solenoid *.8.**.***	⊕ II 2G Ex ia IIC T4 Gb
Valve solenoid *.9.**.***	⊕ II 2G Ex ia IIC T6 Gb
Valve solenoid *.10.**.***	⊕ II 2G Ex ia IIC T4 Gb

The type examination certificates named above issued by DMT - Deutsche Montan Technologie GmbH, D-44809 Bochum, Germany DEKRA EXAM GmbH (Authorisation Office No. 0158)

According to the type plates, the valves of type:

BC 40; BC 72; BC 75; BC 220; BC 310; BC 240; BC 248; BC 082xxxx; BC 913xxxx and BC 374xxxx are jointly suitable for being used with the above valve solenoids pursuant to category **II 2G. ( $\leq \frac{1}{2}$ "**). The use is restricted as shown on the solenoid's type plate and not admissible without the above BC solenoid. Please observe the operating instructions for both the valve and the solenoid. (storage number XY)

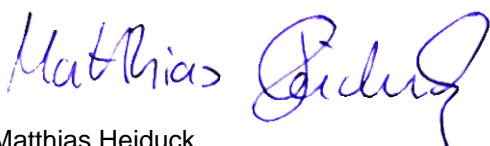
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