

(1)

CERTIFICATE(2) Equipment Intended for Use in
Potentially Explosive Atmospheres - **Directive 2014/34/EU**

(3) Certificate Number:

PF23CERT7218X(4) Equipment: Termination Board
HiCTB08-FBM-RSC-SC-IO08
HiCTB16-FBM-RSC-SC-DO16
HiCTB16-FBM-RSC-SC-DI32(5) Manufacturer: **Pepperl+Fuchs SE**(6) Address: Lilienthalstrasse 200
68307 Mannheim
Germany

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) The manufacturer listed under item 5, herewith declares in sole responsibility that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive 2014/34/EU.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018 / AC:2020**EN IEC 60079-7:2015 / A1:2018****EN 60079-15:2010**


(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This certificate relates only to the design and construction of the specified equipment. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.

(12) The marking of the equipment shall include the following :

 **II 3G Ex ec nC IIC T4 Gc**

Mannheim, 17.10.2023


ppa. Michael Kessler
Manager of the Business unit
Components + Technologie
i.V. Stefan Wirtz
Norm expert of the Product Group
Components + Technologie

(13)

SCHEDULE

(14)

Certificate Number PF23CERT7218X

(15) Description of Equipment

The function of the termination board and the connector pin assignment are exactly fitted to the requirements of the Foxboro FBM system. The signal is output to the process control system via the system connector. Information about a missing supply voltage of the isolated barriers is available for the system as a volt-free contact. Wiring errors from field side will be reported via the same relay contact, if this function is supported by the isolators. The termination board has a robust glass fiber reinforced plastic housing. The termination board is mounted in the switch cabinet on a 35 mm DIN mounting rail according to EN 60175

Electrical Data

Input = 19 Vdc ...30 Vdc

Temperature range

The ambient temperature range is -20°C to +60°C

(16) Test Report

The examination and test results are recorded in the confidential report: 16-1652PF-14

(17) Specific Conditions of Use

The device has to be installed in a suitable housing corresponding to EN 60079-0 and EN 60079-15 in such a way, that a degree of protection of at least IP54 according to EN 60529 is reached.

The connecting and disconnecting of energized non intrinsically safe circuits is only permitted if no explosion hazardous atmosphere exists.

The device shall only be used in an area of not more than pollution degree 2, as defined in EN 60664-1.

(18) Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed in item 9.