



Translation
2nd Supplement

(Supplement in accordance with Directive 94/9/EC Annex III number 6)

**to the EC-Type Examination Certificate
BVS 03 ATEX E 406 X**

Equipment: Gas measuring transmitter type P3FB
Manufacturer: Dräger Safety AG & Co. KGaA
Address: 23560 Lübeck, Germany

Description

The Gas measuring transmitter type P3U can be modified according to the descriptive documents as mentioned in the pertinent test and assessment report and receives then the marking:

type P3FB

The gas measuring transmitter type P3FB is identical to the type P3U, except that the printed circuit board "4-20mA/HART" is replaced by the printed circuit board "PB/FF module", which provided a field bus connection in accordance with the FISCO/FNICO concept classified in IEC 60079-27 (Terminal X7).

The Essential Health and Safety Requirements of the modified equipment are assured by compliance with:

EN 50014:1997+A1-A2	General requirements
EN 50020:2002	Intrinsic safety 'i'
EN 60079-15:2003	Type of Protection 'n'
EN 50284:1999	Equipment Group II Category 1G
IEC 60079-27:2005	Fieldbus intrinsically safe concept (FISCO) and Fieldbus non-incendive concept (FNICO)

The marking of the equipment shall include the following:



II 1G EEx ia IIC T4/T6



II 3G EEx nL IIC T4/T6

Parameters

1 Gas measuring transmitter type P3FB

Field bus connection in accordance with the FISCO/FNICO concept, connection only via terminal X7

Maximum input voltage	U_i	DC	24	V
Maximum input current	I_i		380	mA
Maximum input power	P_i		5.32	W
Maximum internal capacitance	C_i		5	nF
Maximum internal inductance	L_i		10	μ H

2 Ambient temperature range

II 1G EEx ia IIC T6	-40 °C up to +40 °C
II 1G EEx ia IIC T4	-40 °C up to +65 °C
II 3G EEx nL IIC T6	-25 °C up to +40 °C
II 3G EEx nL IIC T4	-25 °C up to +65 °C

Special conditions for safe use

The measurement function for explosion protection is not the subject of this supplement to the EC-Type Examination Certificate.

Test and assessment report

BVS PP 03.2298 EG as of 07.11.2006

EXAM BBG Prüf- und Zertifizier GmbH

Bochum, dated 07. November 2006

Signed: Dr. Eickhoff

 Certification body

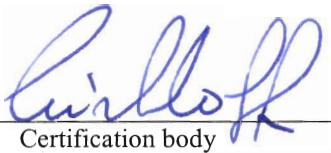
Signed: Schumann

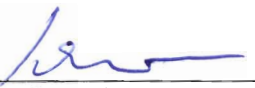
 Special services unit

We confirm the correctness of the translation from the German original.
In the case of arbitration only the German wording shall be valid and binding.

44809 Bochum, 07.11.2006
BVS-Rip/Mi A 20060540

EXAM BBG Prüf- und Zertifizier GmbH


Certification body


Special services unit