



1st Supplement

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

to the EC-Type Examination Certificate DMT 00 ATEX E 086

Equipment: Position-Transmitter Type TP 302/303-**-**-**
Manufacturer: smar Equipamentos Industriais Ltda.
Address: BR 14170-480 Sertaozinho-SP (Brazil)

Description

The Position-Transmitter can be modified according to the descriptive documents as mentioned in the pertinent test and assessment report

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

EN 60079-0:2006 General requirements
EN 60079-11:2007 Intrinsic safety 'i'
EN 60079-27:2008 FISCO Model

The marking of the modified equipment shall include the following:

II 2G Ex ia IIC T6
I M2 Ex ia I

Parameters

1. Supply circuit for the connection to an intrinsically safe FISCO fieldbus-circuit

Voltage	U_i	DC	24	V
Current	I_i		380	mA
Power	P_i		5.32	W
Effective internal capacitance	C_i	\leq	5	nF
Effective internal inductance	L_i		negligible	

Parameters of the supply circuit comply with FISCO model according to EN 60079-27:2008)

2. With regard to explosion protection requirements the Position-Transmitter is suitable for operation in the following ambient temperature range:
 $-40\text{ °C} \leq T_a \leq +60\text{ °C}$

Special conditions for safe use

None

Test and assessment report

BVS PP 00.2080 EG as of 25.02.2009

DEKRA EXAM GmbH

Bochum, dated 25. February 2009

Signed: Simanski

Certification body

Signed: Dr. Wittler

Special services unit

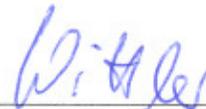
We confirm the correctness of the translation from the German original.
In the case of arbitration only the German wording shall be valid and binding.

44809 Bochum, 25. February 2009
BVS-Scha/Sz A 20070683

DEKRA EXAM GmbH



Certification body



Special services unit