



### **Translation**

## 1st Supplement

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

# to the EC-Type Examination Certificate DMT 00 ATEX E 067

**Equipment:** 

Pressure Transmitter type LD302/303 \*\*\*\*\_\*\*\*\*\*\*\*

Manufacturer:

smar Equipamentos Industriais Ltda.

Address:

14170-480 Sertaozinho-SP, Brazil

#### Description

The Pressure 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:

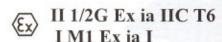
EN 60079-0:2006 General requirements EN 60079-11:2007 Intrinsic safety 'i'

EN 60079-26:2004 Equipment Group II Category 1G

EN 60079-27:2008 FISCO Model

EN 50303:2000 Equipment Group I Category M1

The marking of the modified equipment shall include the following:



### 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	$C_i$	<	5	nF
Effective internal inductance	$L_i$		negligible	

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

 With regard to explosion protection requirements the Pressure Transmitter is suitable for operation in the following ambient temperature range: -40°C ≤ T<sub>B</sub> ≤ +60°C



Special conditions for safe use	
None	
Test and assessment report	
BVS PP 00.2059 EG as of 25.02.2009	
	EXAM GmbH ed 25. February 2009
Signed: Simanski	Signed: Dr. Wittler
Certification body	Special services unit
	ne translation from the German original. Terman wording shall be valid and binding.
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DEKRA EXAM GmbH	
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Certification body	Special services unit