



(13)

SCHEDULE

(14) **EC-TYPE EXAMINATION CERTIFICATE N° TÜV 03 ATEX 2127**

(15) Description of equipment

The I/P transformer type Doc 901068 is used for the transformation of an impressed direct current of the range of 0 ... 20 mA into a proportional pressure. The proportional pressure can be used for the control of pneumatically adjustable devices resp. mechanisms of every manner.

Electrical data

Supply circuit
(terminal +,-)

in type of protection "Intrinsic Safety" EEx ia IIC
only for the connection to certified intrinsically safe
circuits

The permissible ambient temperature range in dependence of the temperature class and of the input current has to be taken from the following table:

temperature class	input current	ambient temperature range
T6	50 mA	-55 °C to + 60 °C
T6	60 mA	-55 °C to + 55 °C
T5	60 mA	-55 °C to + 70 °C
T4	60 mA	-55 °C to + 85 °C
T5	100 mA	-55 °C to + 55 °C
T4	100 mA	-55 °C to + 85 °C
T5	120 mA	-55 °C to + 45 °C
T4	120 mA	-55 °C to + 80 °C
T4	150 mA	-55 °C to + 70 °C

The effective internal inductance and capacitance is negligibly small.

(16) Test documents are listed in the test report No.: 03YEX550567.

(17) Special conditions for safe use

none

(18) Essential Health and Safety Requirements

no additional ones