



Sensor type :nA-4.91..****

ATEX

BVS 17 ATEX E 011 X

IECEX

IECEX BVS 16.0073X



II 3G Ex nA IIC T4 Gc

Version for use in Zone 2 areas with Category 3G

Version with one or two PT100 resistors

2-Wire, 3-Wire, 4-Wire / 2x2-Wire, 2x3-Wire, 2x4-Wire, Circuit

Voltage	U_i	AC/DC 40V
Amperage	I_i	40 mA
Power	P_i	300 mW (T4) *
Measuring Circuit max.	I_n	3 mA
Capacity	C_i	75 pF/m
Indutance	L_i	0,6 myH/m

Ambient temperature: from - 40°C to + 80°C (Temperature class T4)

Measuring range on the sensor top: from- 40°C to + 130°C

* Sum value for two PT100 resistors

Version with one or two thermocouples

Voltage	U_i	AC/DC	40 V
	U_o	(200°C)	15 mV
Amperage	I_i		40 mA
Power	P_i		900 mW
Capacity	C_i	75	pF/m
Indutance	L_i	0,6	myH/m

Ambient temperature: from - 40°C to + 80°C (Temperature class T4)

Measuring range on the sensor top: from - 40°C to + 130°C

Dimensions of cable connecting tube

8x60 mm

The cable connecting tube is squeezed

The oil tightness only applies from the cable connecting tube

Type key

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Sensor with flexible cable

Type Dittmer intern Example:

	L1 Flex length in mm x 100	Cable length in mm x 100
nA-4.91.	XX.	XX
nA-4.91. Name	10	80
nA-4.91. Version =	1000 mm	8000 mm

