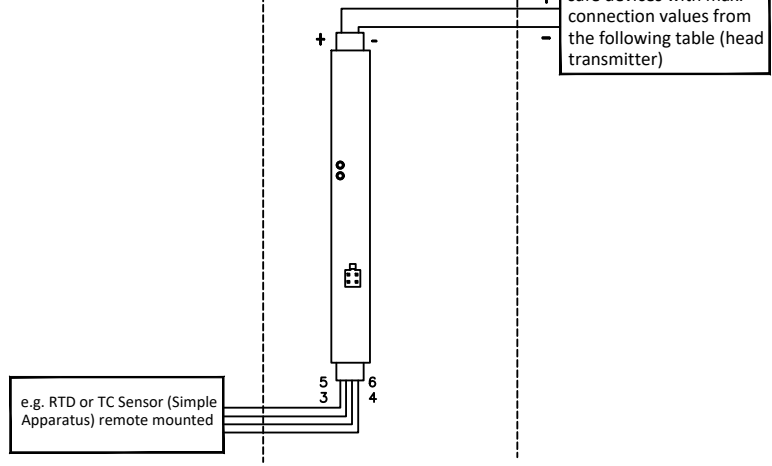


Hazardous Area
Zone 0, 1, 2
EPL Ga, Gb, Gc

Hazardous Area
Zone 1, 2
EPL Gb, Gc

Non-hazardous Area

Certified associated intrinsically device
Associated intrinsically safe devices with max. connection values from the following table (head transmitter)



Temperature range
Zone 1, EPL Gb: Ta: -50 ... +43/58/85°C T6/T5/T4

Applicable requirements see EPS certificates IECEx EPS 23.0020X, EPS 23 ATEX 1 089X

INTRINSICALLY SAFE

Safety instructions: Installation

- Comply with the installation and safety instructions in the Operating Instructions.
- Install the device according to the manufacturer's instructions and any other valid standards and regulations (e.g. EN/IEC 60079-14).
- When installing the device, the IP20 protection rating of the housing must be maintained in accordance with EN/IEC 60529.
- When connecting the measuring device with a certified circuit of category "ib" into an IIB hazardous area, the ignition class changes to: Ex ib IIC or Ex ib IIB.
- The use of the CDI interface for configuration in hazardous areas is not permitted.
- On installation please make sure that the spacing between the intrinsically safe and non-intrinsically safe circuits is at least 50 mm.

Safety instructions: Specific conditions of use


- In hazardous areas it is not permitted to use the CDI interface of T7x for configuration.
- The DIN rail transmitter must be protected against electrostatic charge/discharge.



INTRINSICALLY SAFE

IECEx EPS 23.0020X; EPS 23ATEX 1 089X
II 2(1)G
Ex ib [ia Ga] IIC T6...T4 Gb

Terminals	Entity Parameters		
Supply Terminals (+ and -)	$U_i \leq 30 \text{ VDC}$ $I_i \leq 100 \text{ mA}$ $P_i \leq 700 \text{ mW}$ $C_i \leq \text{negligible}$ $L_i = \text{negligible}$		
Sensor Terminals (3 to 6)	$U_o \leq 4.3 \text{ V}$ $I_o \leq 4.8 \text{ mA}$ $P_o \leq 5.2 \text{ mW}$		
	Max. connection data		
		Lo	Co
	Ex ia IIC	50 mH	3 μF
Ex ia IIB	100 mH	18 μF	
Ex ia IIA	100 mH	48 μF	

TITLE: Control Drawing EPS ATEX / IECEx Ex ia T71, T72 DIN RAIL		PART NUMBER:		REVISION DATE: 02/16/2023		 FORT WAYNE, INDIANA 260-484-2580	
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