

EXPLOSIMETRIC SENSING HEAD EKP-1/P

The **explosimetric sensing head type EKP-1/P** is designed to detect and measure of most combustible and toxic gases and vapours of flammable liquids in hazardous areas in metrological range to 40% lower explosive limit LEL. It is specified in the EC-type examination certificate number:

FTZÚ 05 ATEX 0372X

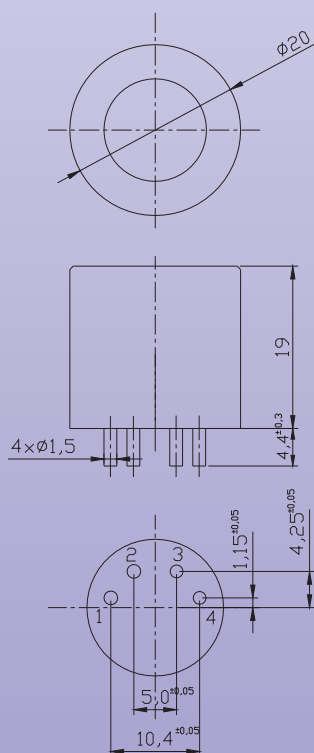


II 2G EEx d ia IIC T5

The present features of approval according to obligatory standards are fulfilled (certification pending).



TECHNICAL DATA EKP-1/P



- 1- heater supply voltage V_H
- 2- sensor electrode (-) V_C
- 3- sensor electrode (+) V_C
- 4- heater supply voltage V_H

dimensions: mm

Designation:	Explosimetric sensing head EKP-1/P
Detected gases:	most combustible and toxic gases and vapours in (0 ÷ 40)% LEL range
Marking:	II 2G EEx d ia IIC T5
Max. power:	0,75W
Detecting sensors:	Semiconductor sensors type TGS 2610, TGS 2611
Heater voltage:	$V_H = (5,0 \pm 0,2) \text{ V DC}$
Supply voltage:	$V_C = (5,0 \pm 0,2) \text{ V DC}$
Supply current:	$(56 \pm 5) \text{ mA}$
Temperature range:	$-20^\circ\text{C} \div +40^\circ\text{C}$
Relative humidity:	from 5 to 90% rH without condensation
Dimensions:	$\varnothing 20 \times 19 \text{ mm}$
Weight:	28g

In order to receive additional information and cooperation in scope of heads' designing, construction examinations etc. you are asked to contact our establishment.