

# I-TD-P1 GAS DETECTOR

## TECHNICAL DATA SHEET



- \* *Combustible gas detector*
- \* *ATEX certified Ex protection*
- \* *catalytic sensor*
- \* *Addressable bus system cabling*
- \* *Suits for GAS ExPERT bus system*
- \* *Non-intrusive calibration in zone*

### FEATURES

<u>Type:</u>	I-TD-P1
<u>Explosion proof protection:</u>	Ⓔ II 2G EEx dem [i] IIB+H <sub>2</sub> T5
<u>Temperature range:</u>	-20 – +50 °C
<u>Pressure range:</u>	900 – 1100hPa
<u>Humidity range:</u>	15 – 90RH%
<u>Ingress protection:</u> {MSZ EN 60529:2001}:	IP54
<u>Built-in sensor:</u>	<i>catalytic</i>
<u>Output signal:</u>	<i>digital signal</i>
<u>Power supply:</u>	14-28V DC
<u>Power consumption:</u>	2W
<u>Contact protection</u> {IEC 364-4-41}:	FELV
<u>Outer diameter of connected cable:</u>	7 – 12mm,l
<u>Connectable cable type:</u>	<i>4 wire shielded</i>
<u>Cross-section of connected wires</u>	<i>1,5 – 2,5mm<sup>2</sup> twisted or compact</i>
<u>Dimensions:</u>	173x202x103mm
<u>Weight</u> {with wall bracket}:	1,42 kg



**MŰSZER AUTOMATIKA KFT.**  
H-2040 Budaörs, Komáromi utca 22. Hungary



telephone: +36 23 365-280, Fax: +36 23 365-837  
web: [www.gazerzekelo.hu](http://www.gazerzekelo.hu)  
e-mail: [gaz@muszerautomatika.hu](mailto:gaz@muszerautomatika.hu)