

E-TD-P1/M GAS DETECTOR

TECHNICAL DATA SHEET



- * *Detects combustible gases and vapours*
- * *ATEX certified Ex protection*
- * *Catalytic sensor*
- * *%VOL measuring range*

FEATURES

Type: E-TD-P1/M
Protection marking: Ex II 2G Ex de IIB+H₂ T5

Ambient temperature: -20 – +50 °C
Air pressure: 900 – 1100hPa
Humidity: 15 – 90RH%
Ingress protection{MSZ EN 60529:2001}: IP54

Built-in detector head: TD-P1
Measuring range: 0 – 100 LEL%
Output electric signal: 25mV/%V relative to methane

<i>Characteristic operational velocity:</i>			
<i>Material:</i>	<i>Relative sensibility related to methane in percentage</i>	<i>t₅₀:</i>	<i>t₉₀:</i>
<i>hidrogen</i>	107	2s	4s
<i>methane</i>	100	4s	9s
<i>propane</i>	63	5s	13s
<i>buthane</i>	51	5s	13s
<i>ethanol</i>	64	4s	8s
<i>hexane</i>	40	5s	9s

Power supply: 3,3V ± 0,2V DC
Powerconsumption: 231mW
Contact protection {IEC 364-4-41}: FELV

Connectable cable diameter: 7 – 12mm with reducer ring,
12 – 17mm without reducer ring

Number of connecting conductor wires: 3 pcs

Connectable wire cross-section: 0,5 – 2,5mm² stranded or compact

Weight {with braket}: 0,9 kg



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