

E-MC-E1


GAS DETECTOR

TECHNICAL DATA SHEET



- * *Toxic and oxygen gas detector*
- * *ATEX certified Ex protection*
- * *Electrochemical sensor*
- * *4-20mA output signal*

FEATURES

<u>Type:</u>	E-MC-E1
<u>Explosion-proof protection:</u>	CE14148  II 2G EEx em [ia] IIC T5
<u>Ambient temperature:</u>	0 – +50 °C
<u>Air pressure:</u>	900 – 1100hPa
<u>Humidity:</u>	15 – 90RH%
<u>Ingress protection{MSZ EN 60529:2001}:</u>	IP54
<u>Built-in detector:</u>	electrochemical cell
<u>Measuring range:</u>	depending on sensor
<u>Supply voltage:</u>	15V–28V DC
<u>Current drain:</u>	4-20mA (depends on concentration)
<u>Maximum current drain:</u>	25mA
<u>Contact protection (IEC 364-4-41):</u>	FELV (functional extra low voltage)
<u>Diameter of connected cable:</u>	7 – 12 mm
<u>Connectable cable type:</u>	two wire shielded
<u>Allowed loop resistance of cable:</u>	280Ω (if U _{S MIN} =22V)
<u>Cross-section of connected wires:</u>	0,5 – 2,5mm ² twisted or compact
<u>Weight {with stand}:</u>	0,75 kg.



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