

IR-NE-2 GAS DETECTOR

TECHNICAL DATA SHEET



- * Carbon-dioxide, hydrocarbons, sulphur-dioxide, nitrogen-dioxide, dinitrogen-oxide measuring
- * Dual beam infrared sensor
- * 4-20mA, RS485 outputs
- * Long operation life

<u>Type:</u>	IR-NE-2
<u>Ex protection:</u>	none
<u>Temperature range:</u>	-20... +65 °C
<u>Pressure range:</u>	900 – 1100hPa
<u>Humidity range:</u>	15 – 90RH%
<u>Ingress protection:</u>	IP54 {MSZ EN 60529}
<u>Built-in sensor:</u>	dual beam infrared
<u>Measuring range:</u>	depends on target gas max: 0–100 vol%
<u>Response time {t₅₀}:</u>	20s
<u>Accuracy:</u>	< 5%
<u>Output signal:</u>	4–20mA source RS485 MODBUS/RTU
<u>Power supply:</u>	9,5V–28V DC
<u>Power consumption:</u>	< 0,9W
<u>Outer diameter of connectable cable:</u>	7 – 9mm
<u>Number of connected wire:</u>	6 pcs.
<u>Cross-section of connected wire:</u>	0,5 – 1,5mm ²
<u>4-20mA load resistance:</u>	max: 140Ω
<u>Weight:</u>	0,5 kg.



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