

# MD780 – GAS DETECTOR FOR METHANE IN HOUSING

## - Art. 078220 -

### DATASHEET



- Gas detector in housing for the detection of methane (CH<sub>4</sub>)
- Quiescent current: 40mA
- Alarm current: maximum 60mA
- Analogue 4-20mA output
- Measuring range: 0% to 100% LEL

✓ SUITABLE FOR : | MD780 |

#### DESCRIPTION

The MD780 gas detector for the detection of methane functions in combination with the MD780 gas & CO detection control panel.

The MD780 gas detector is mounted in a grey non-flammable nylon housing composed of a base and a cover. The gas sensor is based on the principle of catalytic combustion. To filter out any harmful gases, the gas detector is equipped with an active carbon filter.

The MD780 gas detector sends a 4-20mA signal to the MD780 control panel. The 4-20mA signal is determined according to the measured gas concentration in the area and, according to the set parameters, interpreted and processed by the MD780 control panel. All settings for the calibration of the gas detector are located in the detector electronics.

#### TECHNICAL DETAILS

Materials	Non-flammable nylon
Colour	Grey
Dimensions (H x Q)	95 x 120mm
Cable gland entry	Screw thread M24
IP rating	IP10
Operating temperature	0°C to +50°C
Humidity	< 95% RH (without condensation)
Cabling	- up to 500 metres: 3x 0,8mm shielded cable - up to 1 km: 3x 1mm <sup>2</sup> shielded cable

Changes can be made without prior notice