



Microprocessed detector for carbon monoxide using semiconductor exclusively developed for **Mini DURAN 203** and **DURAN 203 PLUS** manufactured by **DURAN ELECTRONICA**. Both, detector and control unit, certified by **J.M. MADARIAGA Inspection Organisation** to meet the standard **UNE 23300/84 -LOM N° 94601/01-** and homologated by **ENERGY AND INDUSTRY SPANISH MINISTRY -CDM-0008.-**

DURAN 203 PLUS detector guarantees exact resolution and perfect functioning that attracted acclaim and prestige throughout Europe.

TECHNICAL CHARACTERISTICS

Technology	Semiconductor and μP of 8 bit semicuston
Power Supply	From 8 to 20V DC 15V nominal
Consumption on standby	10 mA
Consumption when reading	5 mA
Decontamination consumption	138 mA max
Cooling consumption	22 mA
Average resolution	± 9 ppm to 20 °C and 21% O ₂ -minimum- 10%-
Measurement range	From 0 to 300 ppm CO
Response speed	One measurement every 150 s
Sensor life	5 years -depending on working conditions-
Temperature compensation	Automatic, by means of an integrated temperature sensor from < 12 °C & 30 °C
Operational temperature	10 °C -35 °C and 50%-80% relative humidity
Height and place of installation	From 1,5 and 2 m high, on ceilings or columns
Presentation and dimensions	ABS injected box 90 mm \varnothing and 75 mm height
Influence of interfering gases	10.000 ppm of CO ₂ / 3.000 ppm of CH ₄ / 100 ppm of SO ₂ or C ₆ H ₆ / 50 ppm of NO _x = 3% of the measurement
Connecting	3 parallel wires of 1,5 mm ²
Coverage area	200 m ² *



C/ Tomás Bretón, 50
28045 MADRID - España
Tel.- + 34 91 528 93 75 Fax.- + 34 91 527 58 19
duran@duranelectronica.com - www.duranelectronica.com

