

Technical Datasheet

Analog CO and NO2 Detectors

Product category:

Detectors

SKU:

JNC/JND

Description

EHOX analog CO and NO2 detectors have been developed and certified in accordance with the UNE 23300:1984 standard to comply with the CTE and Royal Decree 2367/1985.

EHOX detectors utilize state-of-the-art technology to ensure the highest possible detection reliability, combined with a sleek, refined design.

Thanks to electrochemical cell technology and the calculation algorithms used, EHOX detectors are accurate and reliable in detecting CO and NO2, achieving a resolution of 1 ppm in less than 10 seconds.

EHOX CO and NO2 detectors do not require polarity to be observed in their wiring. The wiring supports any configuration to adapt to the installation's needs. The connection line can support up to 32 detectors with a maximum distance of 2 km.

Designed to operate in a vertical position (1.5 m above the floor), they feature a high-brightness LED that indicates their operational status.

They require a BS or BSA-type base for connection.

Variants



JNC



JND

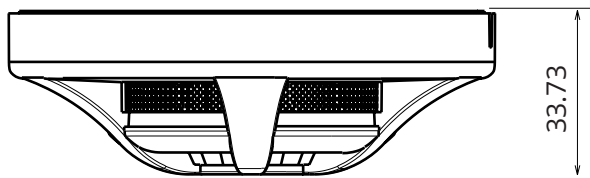
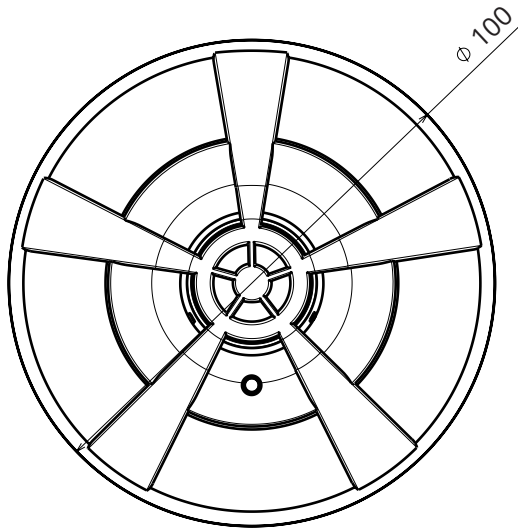
Features of JNC & JND detectors

- ✓ Sleek, low-profile design
- ✓ Electrochemical sensor detection
- ✓ Status indicator LED
- ✓ QR code programming via app
- ✓ Two-wire connection (non-polarized)
- ✓ Lens protected by a grille
- ✓ Base connection via dual contacts
- ✓ Compatible with all EHOX JN control panels
- ✓ Address range from 1 to 250
- ✓ Requires BS or BSA base
- ✓ 10-year lifespan

Technical Specifications

Dimensios • JNC • JND	100mm Ø x 38mm 100mm Ø x 38mm
Structure	ABS GREY plastic box
Operating voltage	from 24 to 32 Vcc
Wiring	2 x 1,5mm ² LSZH twisted-pair cable, BS or BSA compliant
Standby power consumption	<300 µA
Alarm power consumption	<11 mA
Climate classification	3K5, (IEC 721-2-3)
Operating temperature	-10°C to +70°C
Relative humidity	5% to 95% non-condensing
Ingress protection	IP20 (EN60529)
Certifications	UNE 23300

Dimensions JNC



Dimensions JND

