

EDNC TRANSMITTER

The EDNC series of transmitters are available for a wide range of toxic gases using the latest technology electrochemical cells.

Highly specific models include Ammonia, Carbon Monoxide and Hydrogen Sulphide.

The EDNC is equipped with two alarm relays and the industry standard 4-20mA output format.

Gas sensors available (Stock items):

Ammonia, Carbon Monoxide and Hydrogen Sulphide.

Gas sensors available (To order):

Chlorine, Chlorine Dioxide, Fluorine, Hydrazine, Hydrogen, Hydrogen Chloride/ Hydrogen Bromide, Hydrogen Cyanide, Hydrogen Fluoride, Nitric Oxide, Nitrogen Dioxide, Ozone, Phosgene, Silane, Sulphur Dioxide, Tetrahydrothiophene.

For Flammable & CO2 gases contact ED for appropriate Sales information



SPECIFICATIONS

OPERATING TEMPERATURE

RANGE:

-20 to +40C (Sensor)
-0 to +60°C (Transmitter)

OPERATING HUMIDITY

RANGE:

15 - 90% Rh Continuous
0 - 99% Non-condensing

GAS TYPES: Ammonia, Carbon Monoxide and Hydrogen Sulphide and more see description above.

EDNC Ammonia: 0-100ppm
0-1000ppm
0-5000ppm

EDNC Carbon Monoxide 0-100ppm
0-500ppm

EDNC Hydrogen Sulphide 0-25ppm
0-100ppm

RESPONSE TIME T90: < 40 seconds

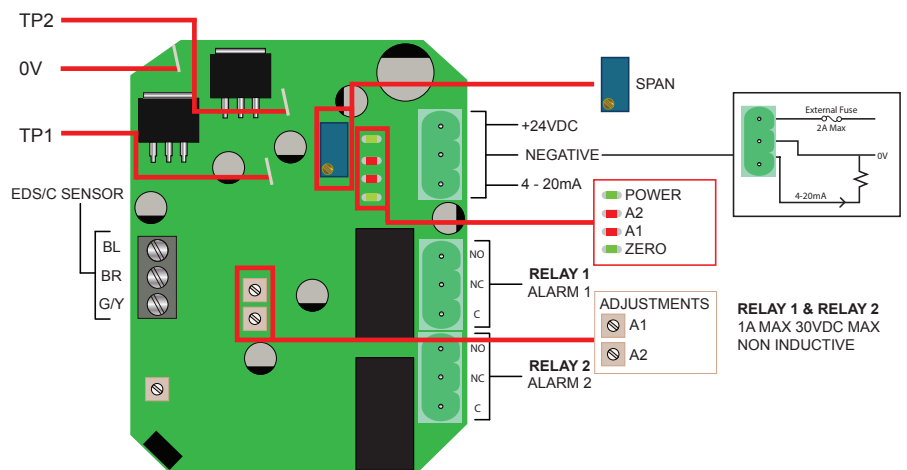
POWER INPUT VOLTAGE:

15 - 30VDC

POWER INPUT CURRENT:

150mA max

CONNECTIONS DIAGRAM



OUTPUTS

Relay contacts: 30V Max (AC or DC)
1A max (Non Inductive)

1 LOOP OUTPUT

4-20mA
500ohm max load

OPTIONAL EQUIPMENT

A splash protector can be added to improve the longevity of the sensor when used outside.

A calibration kit can be supplied to allow the sensor to be maintained or tested by on site engineers.