

Ammonia is a pungent smelling, Corrosive gas. It is very light gas and readily absorbed by most materials. Its properties rely mainly on its oxidizing power. The monitoring aspect of Ammonia to avoid serious health risks, corrosive to metals like M.S. Aluminum etc. HUSAINI™ offers Ammonia gas leak detector with solid state which only detects Ammonia in the air .

FEATURES

- Optional Battery Back-up
- Long Life Solid State Sensor
- Recorder output 4 to 20 mA.
- Direct Digital read out in PPM
- Easy maintenance and calibration.
- Can be installed in hazardous area
- Continuous monitoring with fast response
- Panel mounted or Portable model (optional)
- Alarm Set point can be adjusted to any range (From 0 to Full)



The Following industries requires Ammonia Leak Detector for ambient continuous measuring purpose like.

APPLICATION

- Acid, Alkalis & Dyes Manufacturing Plants & Petro-Chemicals Ind.
- Ammonia Crackers for Air dryer Plants
- Synthetic Fiber Manufacturing
- Offshore & Refineries
- Chemical Industries
- Nitric Acid Plant
- Nitrogen Plants
- Fertilizer Plants
- Urea Industries



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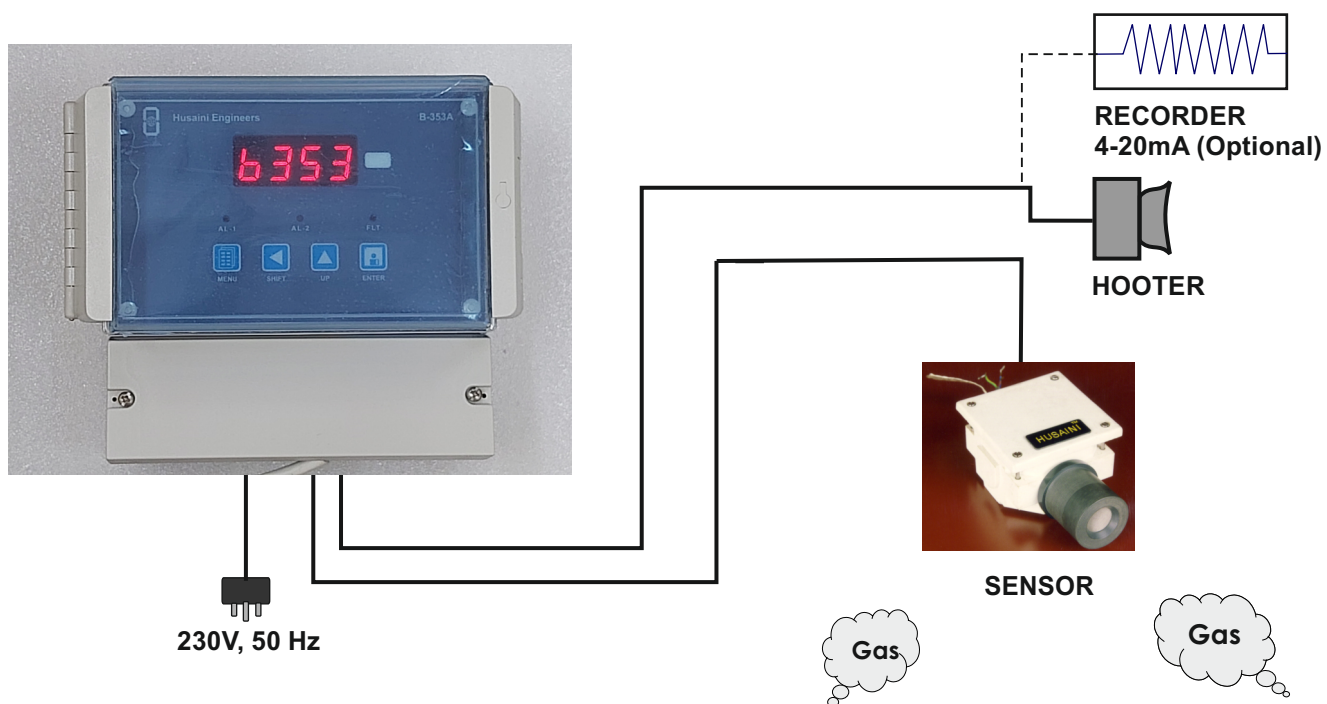
AMMONIA LEAK DETECTOR

SPECIFICATION

RANGE	0-100 ppm
RESOLUTION / ACCURACY	0.1 ppm/ \pm 1%
OPERATING TEMP	0.1 ppm/ \pm 1% 0 to 50° C
SENSOR TYPE	Semiconductor
RESPONSE TIME	Less then 1 second
DISPLAY	4 digit, 12.5 mm height, 7 segments LED display
OUTPUT	2 Set points: 1 NO / C Potential free contact rated 230 volt/ 5 A for each Alarm 1 & Alarm 2.
RECORDER OUTPUT	4 to 20 mA DC
POWER SUPPLY	230V AC \pm 10%, 50 Hz./ 110V Optional
MOUNTING	Wall Mounting
CONFIRMING	Confirming IP 65 protection (Encl. Of Polycarbonate with hinged Transparent)
DIMENSION	192.8 (W) x 161 (H) x 103 (D) in mm
ACCESSORIES	Operating-Maintenance manual, and Industrial hooter
TOTAL SHIPPING WEIGHT	5 Kg.
OPTIONAL	Extra cable for long distance application, Calibration kit, etc.

In the interest of continued product improvement, we reserve the right to change the specification without prior notice.

SCHEMATIC DIAGRAM



AMMONIA LEAK DETECTOR