H2S-Tracer
4 – 20 mA Loop Powered two wire H2S Transmitter

Two Wire Process Hydrogen Sulfide analyzer

The Model H2S-Tracer is accurate and is a great economic option to measure Hydrogen Sulfide in the ppm levels.

The unit can be offered with different ranges between 0 – 10000 ppm of H2S.

- Sensor

The H2S-Tracer uses a special fuel cell to measure the H2S concentration. The sensor meets the industrial requirements for accuracy, sensitivity, easy to use and long operating life.

- Calibration

The calibration of the instrument for trace H2S measurements in gas, must be done with a calibration gas. The concentration can be chosen freely within the measuring range.

- Features

✓ compact
✓ inexpensive
✓ Sensor with long operating life
✓ IP65 enclosure
✓ reverse voltage protection and temperature compensation

• please note that the H2S measurement is a very difficult measurement and must be done precisely

• traces of H2S are dangers, the area of use, should be well ventilated
**Specification**

Measuring ranges

all ranges between: 0 – 10000 ppm H₂S

Calibration: with calibration gas (ppm)

Accuracy: +/- 2% FSD T= const.

+/- 5% FSD 0>T>50°C

(ppm)

Response time: 90 % FSD at 25°C

0 – 100 % < 10 s

Operating Temperature: 0 - 50°C

Pressure: 0.1 - 1 bar

Signal output: 4 -20 mA / DC

Alarm value: 22.8 mA (Standard) or 3.4 mA

(if desired)

Voltage: 10 – 35 VDC

reverse voltage protection up to 40VDC

load: typ. 470 Ohm,

max. 750 Ohm

Display: 6 Digit Display, backlight

oxygen sensor: electrochemical Cell,

housing: IP65

Size: 80 x 75 x 55 (B x H x T)

Enclosure: aluminium

Connection: 6 mm or ¼” tubing

Weight: 0.3 kg

**Typical**

- different Measuring ranges available

**Applications are found in**

- Gas manufacturers – filling stations

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Please note, call the factory to consult your application. Most system require a sampling system

**Ordering table**

<table>
<thead>
<tr>
<th>Description</th>
<th>Range</th>
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</thead>
<tbody>
<tr>
<td>H2S-1</td>
<td>0-100ppm</td>
</tr>
<tr>
<td>H2S-2</td>
<td>0-1000ppm</td>
</tr>
<tr>
<td>H2S-3</td>
<td>0-10000ppm</td>
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</tbody>
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