



Detcon Model SD-1-N4X

Single Sensor Sample Draw Manifold

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Features

- ☞ Power input and flow fault LED indicators
- ☞ Flow fault fail-safe supervision
- ☞ In-line moisture filter
- ☞ Sample pump service life > 3-5 years

Specifications

Electrical Classification

General Purpose NEMA 4X

Dimensions

19.5"W x 22"H x 10"D

Power Input

110 VAC Standard
24 VDC Optional

Operating Temperature Range

-20°C to +40°C; -4°F to +104°F

Warranty

One year

Options

NEMA 4 Stainless Steel Enclosure
Power Input - 12VDC, 24VDC, 220VAC
High Sample Flow
Teflon fittings & Tubing
Sample Dilution
Liquid Level Detector
Molecular Sieve
Loop Isolator
Less Pump

Order Guide

- ☞ 971-041170-00L Single Channel
- ☞ 972-041170-00L Dual Channel



Description

Detcon Model SD-1-N4X is a single sensor sample draw manifold designed for use with any one of a number of gas detection sensors including combustible gas, hydrogen sulfide, oxygen and a long list of toxic compounds. The sampling system utilizes an internal pump to draw air and gas samples from a remote location and flow the sample across the sensor at a metered flow rate. In use, the sample draw method allows for remote calibration and routine maintenance without exposing maintenance personnel to dangerous or difficult to access sampling areas. Sampling time is a function of the distance between the sample point and the sample draw manifold. Detcon Model SD-1-N4X is housed in a NEMA 4 weatherproof enclosure and is suitable for installation in outdoor locations. The non-hazardous area rating allows for installation with a minimum distance to the sample point, which decreases delays in real time sampling.

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