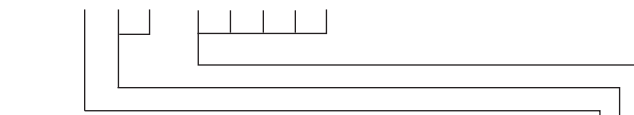




- Digital signal on RS 485 Communication Bus
- Wide range of gases detected
- Variety of available sensors
- Selection of enclosures for all applications
- 24 VDC nominal power
- Automated calibration procedure

The DST series are rugged, reliable digital transmitters available with a variety of sensor types to detect a wide range of gases, including solid state, electrochemical, catalytic and infrared. Several enclosure options are available to meet the requirements of many different applications. DST transmitters output scaled linear signals on a RS-485 communication bus, and feature a thermal resetting fuse, an LED indicator for power, alarm and fault, and an internal 'on line' LED. Automated calibration and other maintenance procedures are simple and are easily performed in the field.

DST - - - - -



SENSOR TYPE

Electrochemical Toxic	E	_____
HVAC Electrochemical (CO only)	M	_____
Electrochemical Oxygen	O	_____
Solid-State (HVAC applications)	S	_____

GAS TYPE

Ammonia (NH3) electrochemical	AE	_____
Ammonia (NH3) solid state	AM	_____
Combustible Gas / Vapours	CB	_____
Chlorine (Cl2)	CL	_____
Carbon Monoxide (CO)	CO	_____
Ethylene Oxide (ETO)	ET	_____
Hydrogen (H2)	H2	_____
Hydrogen Sulphide (H2S)	HS	_____
Nitrogen Dioxide (NO2)	ND	_____
Nitric Oxide (NO)	NO	_____
Oxygen (O2)	O2	_____
Ozone (O3)	O3	_____
Sulphur Dioxide (SO2)	SO	_____
Refrigerants R12, R502	R0	_____
Refrigerants R22, R401A, R402A	R1	_____
Refrigerants R123, R134A, R507	R2	_____

OPTIONS

Duct Sampling Probe	D	_____
Environmental Protection - Circuit Board	E	_____
Powder Painted Steel Enclosure	M	_____
Splash Guard (Watertight enclosure only)	S	_____
Watertight Polycarbonate Enclosure	W	_____

SPECIFICATIONS

ENCLOSURES

Standard	General Purpose PVC
Size	4.5" x 6.1" x 2.6"
	114 mm x 156 mm x 65 mm
Weight	9 ounces 148 grams

Optional	Watertight Polycarbonate
Size	4.9" x 4.9" x 2.6"
	125 mm x 125 mm x 65 mm
Weight	9 ounces 148 grams

Optional	Watertight Steel
Size	5.9" x 5.9" x 4.8"
	150 mm x 150 mm x 120 mm
Weight	3.4 pounds 1.55 kg

POWER REQUIREMENT

16 - 30 Volts DC

OUTPUT

Scaled linear digital signal
RS 485 communication bus

WIRING

Four conductor shielded cable daisychain
2 power wires, 2 wire communication bus
Maximum wiring run distance is 4200 feet (1300 m)
using Beldon 9418 cable or equivalent

FUSES

Automatic resetting thermal

OPERATING TEMPERATURE

0 to 40 degrees C sensor dependant
32 to 100 degrees F sensor dependant

HUMIDITY

10 to 95% RH non condensing sensor dependant

CERTIFICATION

CE pending

Authorized Distributor:

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