



# High Performance Thermal Printers/Plotters

## FOR MOBILE DATA SYSTEMS

### Rugged Reliability

Printrex has been producing printers for vehicle based applications since installing several hundred units in rail-road locomotives in 1992. Since 1993, Printrex has become the most popular plotter used in oil field data logging all around the world. Installations in commercial aircraft also began in 1993 and the first fire engine applications began in 1995. All of these applications have proven Printrex to be the right choice for printing in adverse environments.

### Operate from Vehicle Power Source

Designed to meet the requirements of SAE J1455, Recommended Environmental Practices for Electronic Equipment Design (Heavy Duty Trucks) these printers operate directly from the vehicle power system. They can tolerate the wide voltage excursions typical of this application and are protected against reverse power connection. Versions are available to operate from either 12 volt or 24 volt systems. Some models such as the 422 can accept either 12 volts or 24 volts.

### Installation Options

Printers are available in a variety of configurations and mounting options. Panel mount versions can be inserted into a cutout on the instrument panel. Other options include mounting brackets for attachment to a bulkhead or cased units to set on a shelf.



*Printrex 422. Panel mount and cased units available.*

### Regulatory

Model 820 for Fire Brigade usage in the United Kingdom conform to VIDG (Validation and Installation Design Group) limits on electromagnetic emissions and susceptibility. Because of the need to operate in remote locations with very weak radio signals, the allowable emissions are even lower than permitted by FCC and CE regulations.

### Interface

The standard interface is IEEE 1284 (Centronics compatible). A serial adaptor for RS 232 is available.

# Printrex Thermal Printers



*Printrex 820 with bracket for bulkhead mounting.*



*Fire Brigade application in the United Kingdom.*



*Printrex 422 in a computerized metering system for fuel delivery.*

## Product Selection Matrix

Model	Paper Width		Maximum Print Width		Print Speed	
	Inches	mm	Inches	mm	inches/sec	mm/sec
422	4.3	110	4.1	104	2	50
820	8.5	216	8.5	216	1.6	40
	8.75	222	8.5	216	1.6	40



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