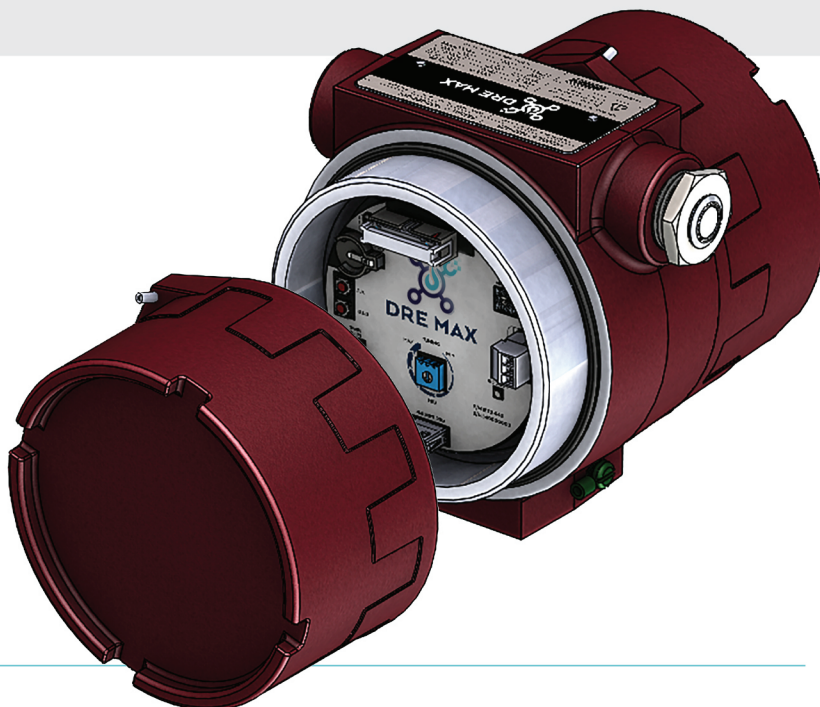




## SMART CONTROL FOR AIR ASSISTED FLARES

### *Are you getting the most out of your flare?*

With DRE-Max™ you can trust that you are meeting or exceeding your compliance needs. DRE-Max™ uses a proprietary algorithm that uses your preprogrammed gas BTU values, reads gas flow rates from one or two flow transmitters, and adjusts the air from a VFD controlled blower ensuring optimum combustion from your air assisted flare. With a VFD, a flow transmitter, and our DRE-Max™ your compliance problems are over.



### FEATURES

- Fault detection of 4-20mA analog input.
- Quick connectors for ease of installation.
- Status LED for troubleshooting

### POWER

- 12VDC or 24VDC @2 amps

### INPUT

- 4-20mA input from high-pressure flow meter
- 4-20mA input from low-pressure flow meter

### OUTPUT

- 4-20mA output to control blower
- VFD Isolated dry contact for alarm output

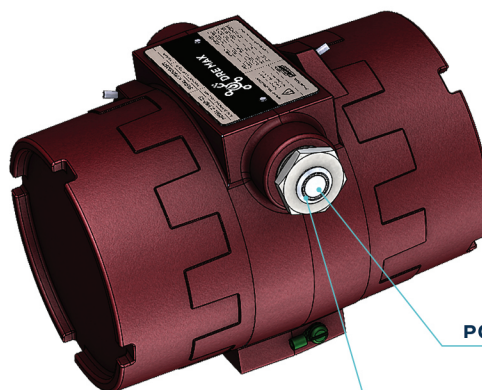
### MECHANICAL

- Remote mounted to the flare to keep wire runs to a minimum and maintain signal integrity.



FRONT

BACK



POWER SWITCH

- depress = on
- flushed = off

LED INDICATOR RING



# DRE MAX

ANOTHER CLEAN INNOVATION BY CIMARRON

PARAMETER	MIN	TYPICAL	MAX	UNITS
INPUT POWER VOLTAGE	10	12 OR 24	30	VDC
INPUT POWER CONSUMPTION		30		MA
LP, HP, ADC2, ADC3 LOAD RESISTANCE		20		$\Omega$
VFD, DAC2, DAC2 OUTPUT CURRENT	0		24	MA
ALARM OUTPUT VOLTAGE			30	VDC
ALARM OUTPUT CURRENT			50	MA
ALARM OUTPUT ON-RESISTANCE			10	$\Omega$
VFD OUTPUT LOAD RESISTANCE @12VDC			250	$\Omega$
VFD OUTPUT LOAD RESISTANCE @24VDC			500	$\Omega$
OPERATING TEMPERATURE	-40		60	$^{\circ}\text{C}$
WEIGHT		7		LB

## DIMENSIONAL DRAWING

All units in inches unless noted otherwise

