Kytola INSTRUMENTS

FLOWMETERS

Model Oval D

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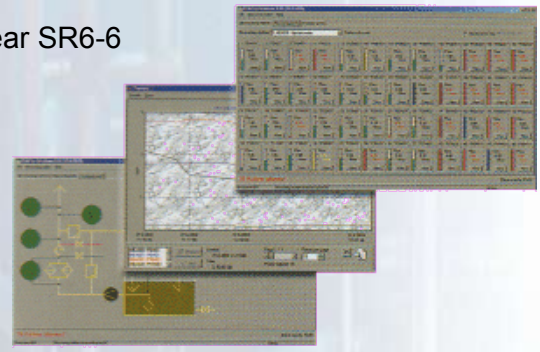
Kytola OVAL-D measuring station is for measuring and monitoring the oil flow rates in central lubrication systems. The flow rates are measured with Kytola Oval Gear flowmeters.

Up to 48 measuring points can be connected to one measuring station. Four configuration parameters can be defined for each flow measuring point:

- **Set point (desired flow value)**
- **Upper limit alarm**
- **Lower limit alarm 1 (HiLo)**
- **Lower limit alarm 2 (LoLo)**

Oval Gear SR6-6

OvalD measuring station can be used as a stand alone unit, or connected to upper level control room systems via digital communication using ModBus protocol. For local operation there is a display for all measuring information, and keys for setting all measuring parameters.



With Kytola Control Room Program, all flow and alarm data in Multidrop RS485 network can be collected, and individual parameters can be transmitted or changed.

Model Oval D

Supply voltage	24VDC or 85-264 VAC, 50 – 60 Hz
Sensor type	Kytola Coil sensor, or NAMUR sensor
Serial communication	RS-422 or RS-232, baud rate 9600 or 19200
Protocol	Modbus RTU, address 1 – 255
Maximum system size	255 stations or 4080 measuring points
Enclosure	Stainless Steel, IP 65
Dimensions	14” x 10” x 4”
Weight	10 lbs
Alarm leds	Function, Alarm
Alarm relays	High flow, Low flow, No flow, Function
Display and keyboard	4 x 20 characters, four control keys
Measuring unit	Liters/min, USG/min, PPM (Pints/min), or pulses/min

Options

Panel	SS panels with prepiping and valves for flowmeters
Substation	Controlling up to 96 points with a substation

OvalD- ☐

16D	For up to 16 OvalGear flowmeters, 24VDC
32D	For up to 32 OvalGear flowmeters, 24VDC
48D	For up to 48 OvalGear flowmeters, 24VDC
P	85-264 VAC, 50 – 60 Hz Power supply

Representative:

Kytola INSTRUMENTS
1000 de La Gauchetiere West, Suite 2400
Montreal, Quebec, H3B 4W5 ● CANADA
Phone: (514) 448-2171 ● Fax (514) 448-5151
email: info@kytola.ca ● www.kytola.ca