

KYTOLA® OVAL D2 Measuring Station is designed to monitor oil flow rates measured by Model SR oval gear meters in circulation lubrication systems.



## MEASURING STATION OVAL D2

- Communication with upper level systems
- In excess of 100 measuring stations and thousands of measuring points in one serial line
- Modbus RTU or KytolaKVM protocol
- Serial interface RS485/RS422
- USB port for local configuration
- Measuring units: L/min, pulses/min, PPM or USGPM
- Kytola coil or NAMUR sensor

The OVAL D2 measuring station operates as an independent station, or it can be connected to Kytola KVM Control monitoring software or to customer's PLC or DCS via Modbus RTU protocol.

### FEATURES

Painted or stainless steel enclosure, IP 65

Local display and keyboard

Alarm relays, inhibits, and groups

### TYPICAL APPLICATIONS

Lubrication oil flow monitoring

Industrial flow monitoring

Process control

# OVAL D2

# TECHNICAL DATA

## Model

**OVAL D2**

Enclosure	Painted steel (*stainless steel AISI 316), IP65
Supply voltage	24 VDC $\pm$ 25% / 0.6A or 110–240 VAC / 50–60Hz
Ambient temperature	-4...+140°F (-20...+60°C) (relative humidity < 85%, non-condensing)
Display	4 x 20 characters and 4 pushbuttons
Communication	Modbus RTU or KytolaKVM (RS485/RS422) protocol
Measuring points / station	Max. 64 points with Modbus RTU protocol or max. 48 points with KytolaKVM protocol
Alarm relays	3 potential-free relays for high-flow, low-flow, and very-low-flow alarms + 1 programmable relay
Alarm inhibition inputs	3 optoisolated inputs to prevent alarms
Sensor types	Kytola coil or NAMUR sensor; EN 60947
Weight	14 lbs. (6.2 kg) <span style="float: right;">*On special request</span>

### OVAL D2- [ ] - [ ] - [ ]

#### Number of Measuring Points

16	16
32	32
48	48
64	64

#### Power Supply

24 VDC  $\pm$ 25% / 0.6A (standard, leave blank)  
110–240 VAC / 50–60 Hz

P

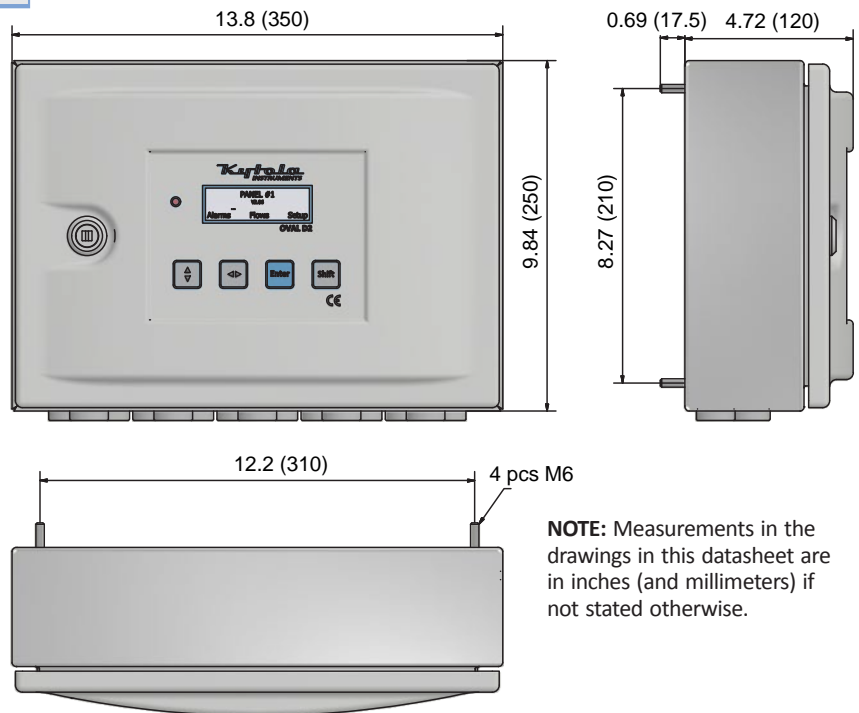
#### Enclosure

Painted steel (standard, leave blank)  
Stainless steel AISI 316

H



OVAL FLOW panel with OVAL D2 and SR6 meters



**NOTE:** Measurements in the drawings in this datasheet are in inches (and millimeters) if not stated otherwise.

**Kytola**  
INSTRUMENTS

www.kytola.ca



**Kytola Instruments Inc.**

900 Old Roswell Lakes Parkway, Suite 120

Roswell, GA 30076, USA

Tel: +1 678 701 3569

Fax: +1 514 448 5151

E-mail: flow@kytola.ca