

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 Kytola KVM protocol
- Serial interface RS485/RS422
- USB port for local configuration
- Measuring units: L/min, pulses/min, PPM or USGPM
- Kytola coil or NAMUR sensor

ISO 9001 ISO 14001

The OVAL D2 measuring station operates as an independent station, or it can be connected to Kytola KVM Control monitoring application 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 ±25% / 0.6 A or 110–240 VAC / 50–60 Hz	
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 Kytola KVM (RS485/RS422) protocol	
Measuring points / station	Max. 64 points with Modbus RTU protocol or max. 48 points with Kytola KVM 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)	*On special request

### OVAL D2- ■-■-■

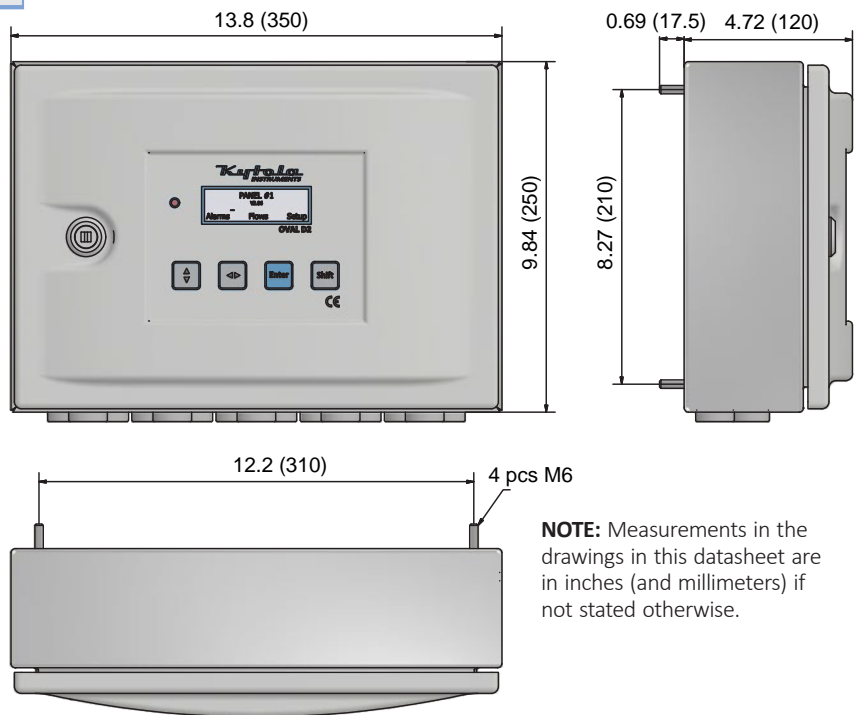
Number of Measuring Points	
16	16
32	32
48	48
64	64

Power Supply	
24 VDC ±25% / 0.6A	(standard, leave blank) P
110–240 VAC / 50–60 Hz	

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



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

OVAL FLOW panel with OVAL D2 and SR6 meters



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