

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



MEASURING STATION OVAL D

- 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: PPM, USGPM, LPM, pulses/min
- Kytola coil or NAMUR sensor

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

FEATURES

Stainless steel housing, IP 65

Local display

Alarm relays, inhibits, and groups

TYPICAL APPLICATIONS

Lubrication oil flow monitoring

Industrial flow monitoring

Process control

OVAL D

TECHNICAL DATA

Model	OVAL D
Housing	Stainless steel, IP65
Supply voltage	24 VDC \pm 25% / 0.6 A or 110–240 VAC / 50–60 Hz
Ambient temperature	-4°F...+140°F (-20°C...+60°C) (relative humidity < 85%, non-condensing)
Display	4 x 20 characters and 4 pushbuttons
Communication	Modbus RTU (RS485 / RS422) or Kytola KVM (RS422) protocol
Measuring points / station	Max. 64 points with Modbus RTU protocol (96 points on special request) 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; max. 48 VAC/DC, 0.5 A
Alarm inhibition inputs	3 optoisolated inputs to prevent alarms
Sensor types	Kytola coil or NAMUR sensor; DIN 19234

OVAL D-

Number of Measuring Points

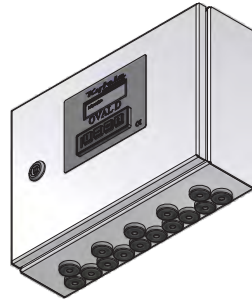
16	16
32	32
48	48
64	64

Power Supply

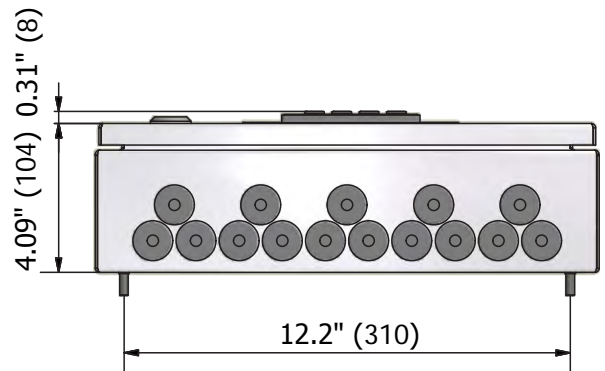
24 VDC \pm 25% / 0.6 A
110–240 VAC / 50–60 Hz



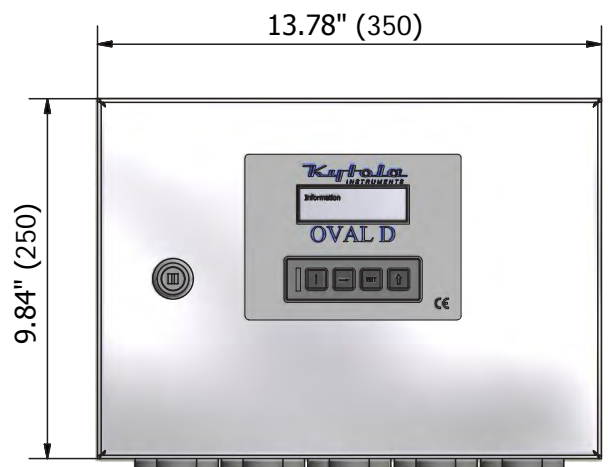
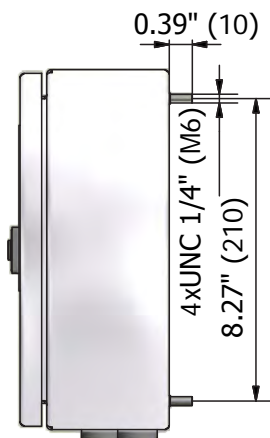
Max. 96 points on special request



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



Oval D panel with SR6 meters



Kytola
INSTRUMENTS

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