

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

ates 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.

The OVAL D2 measuring station oper-

### **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

ISO 9001 ISO 14001

# **OVAL D2**

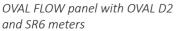
# **TECHNICAL DATA**

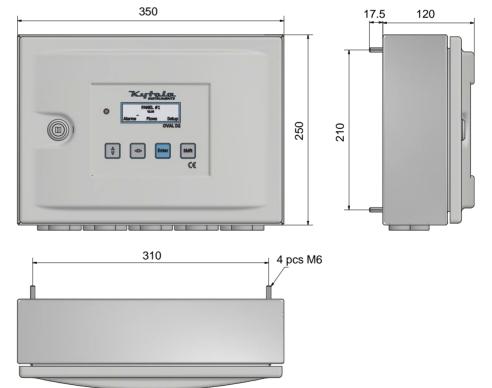
Model	OVAL D2	
Enclosure	Painted steel (*stainless steel AISI 316), IP65	
Supply voltage	24 VDC ±25% / 0.6 A or 110-240 VAC / 50-60Hz	
Ambient temperature	–20°C+60°C (relative humidity < 85%, non-condensi	ng)
Display	4 x 20 characters and 4 pushbuttons	
Communication	Modbus RTU or Kytola KVM protocol (RS485/RS422)	
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	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) 110-240 VAC / 50-60 Hz Р **Enclosure** Painted steel (standard, leave blank) Stainless steel AISI 316













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