

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



• 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

MEASURING STATION OVAL D2

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

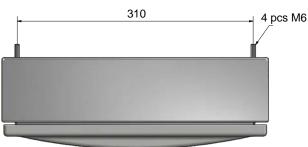
TECHNICAL DATA

Model	OVAL D2			
Enclosure	Painted steel (*stainless steel AISI 316), I	P65		
Supply voltage	24 VDC ±25% / 0.6A or 110-240 VAC / 5	50–60Hz		
Ambient temperature	–20°C+60°C (relative humidity < 85%, no	on-condensing)		
Display	4 x 20 characters and 4 pushbuttons			
Communication	Modbus RTU or KytolaKVM (RS485/RS42	2) protocol		
Measuring points / station	Max. 64 points with Modbus RTU protoc or max. 48 points with KytolaKVM proto			
Alarm relays	3 potential-free relays for high-flow, low- very-low-flow alarms + 1 programmable			
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 P	oints			
	16		16		
	32		32		
	48		48		
	64		64		
	Power Supply				
	24 VDC ±25% / 0.6A (star	ndard, leave k	olanl	k)	
	110-240 VAC / 50-60 Hz			Р	
	Enclosure				
Painted steel (standard, leave bla					ik)
	Stainless steel AISI 316				







OVAL FLOW panel with OVAL D2 and SR6 meters





