

KYTOLA® Model SRV Oval Gear Meter is optimized for upgrading the existing KYTOLA Model V variable area flow meter. The upgrade is easy and cost-effective since it does not require any changes to the existing piping.



- Single model or multi-point block
- Easy to install
- Pulse output
- Robust transparent cover provides highly visible oil flow indication
- Several flow ranges

ISO 9001 ISO 14001

## UPGRADE BLOCK SRV

The Model SRV Oval Gear Meter is a positive displacement meter, which always shows the correct flow rate regardless of oil temperature or viscosity changes.

### FEATURES

Viscosity range 30 – 1000 cSt

Max. pressure 145 psi (10 bar),  
290 psi (20 bar) with a special  
construction

Max. temperature 176°F (+80°C)

Accuracy  $\pm 5\%$  of reading

### TYPICAL APPLICATIONS

Lubrication oil flow monitoring

Industrial flow monitoring

Process control

Model	SRV						
Number of measuring points	1 – 7						
End blocks, oval gear meter body	Aluminium						
Valves	Aluminium, AISI 316						
Gears	Composite polymer						
Cover	Polyamid						
Seals	Viton®						
Sensor	Kytola coil or NAMUR; EN 60947						
Max. pressure	145 psi (10 bar), *290 psi (20 bar)						*) On request
Max. temperature	+176°F (+80°C), +140°F (+60°C) with KLD Smart						
Connections	Single channel model: NPT 1/2" or G 1/2" Multi-channel models: common inlet NPT 3/4" or G 3/4", separate outlets NPT 1/2" or G 1/2"						
Weight (KLD Smart incl.), lbs (kg)	SRV1 5.5 (2.5)	SRV2 7.5 (3.4)	SRV3 9.5 (4.3)	SRV4 11.5 (5.2)	SRV5 13.4 (6.1)	SRV6 15.4 (7.0)	SRV7 17.4 (7.9)

SRV				—	—	—	—	—
Number of measuring points		1–7						
Flow Range	PPM	LPM						
	0.2 – 3	0.1 – 1.5	1					
	0.4 – 6	0.2 – 3	3					
	1 – 12	0.5 – 6	6					
Connections								
G threads							R	
NPT threads							N	
Sensor								
Kytola coil							C	
NAMUR							A	
KLD Smart mounting								
Ready for KLDS-8 on the left of the SRV								A
Ready for KLDS-8 on the right of the SRV								B
SRV only, without KLDS-8 mounted on the side								C

KLDS-								
Number of Input Channels								
1–8 channels				8				
Outputs								
Relay output				0				
Relay and mA output				M				
Communication								
RS-485/Modbus RTU				0				
RS-485/Modbus RTU and Ethernet/Modbus TCP				E				
Enclosure								
Painted steel				0				
Stainless steel AISI 316				H				
KLD Smart mounting								
KLDS-8 mounted on the left of the SRV meter block								A
KLDS-8 mounted on the right of the SRV meter block								B
KLDS-8 without the SRV meter block								C

