

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-channel 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. It enables versatile flow and flow alarm monitoring and connectivity to upper control systems.

### FEATURES

Viscosity range 30 – 1000 cSt

Max. pressure 10 bar (20 bar with a special construction)

Max. temperature +80°C

Accuracy ±5% of reading

### TYPICAL APPLICATIONS

Lubrication oil flow monitoring

Industrial flow monitoring

Process control

# SRV

# TECHNICAL DATA

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	10 bar (20 bar*)						*) On request
Max. temperature	+80°C (+60°C with KLD Smart)						
Connections	Single channel model: G 1/2" or NPT 1/2" Multi-channel models: common inlet G 3/4" or NPT 3/4", separate outlets G 1/2" or NPT 1/2"						
Weight (KLD Smart included)	SRV1 2.5 kg	SRV2 3.4 kg	SRV3 4.3 kg	SRV4 5.2 kg	SRV5 6.1 kg	SRV6 7.0 kg	SRV7 7.9 kg

SRV	KLDS-
Number of measuring points 1–7	Number of Input Channels 8
Flow Range L/min	Outputs
0.1 – 1.5 1	Relay output 0
0.2 – 3 3	Relay and mA output M
0.5 – 6 6	Communication
Connections	RS-485/Modbus RTU 0
G threads R	RS-485/Modbus RTU and Ethernet/Modbus TCP E
NPT threads N	Enclosure
Sensor	Painted steel 0
Kytola coil C	Stainless steel AISI 316 H
NAMUR A	KLD Smart mounting
KLD Smart mounting	KLDS-8 mounted on the left of the SRV meter block A
Ready for KLDS-8 on the left of the SRV	KLDS-8 mounted on the right of the SRV meter block B
Ready for KLDS-8 on the right of the SRV	KLDS-8 without the SRV meter block C
SRV only, without KLDS-8 mounted on the side C	

