

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

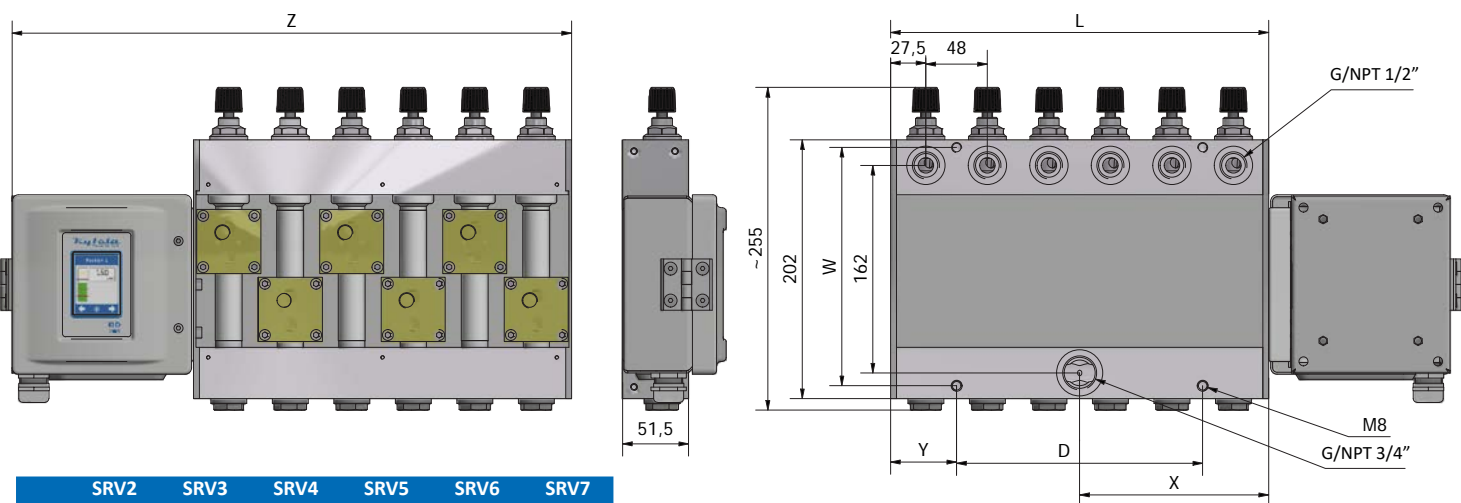
Lubrication oil flow monitoring

Industrial flow monitoring

Process control

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	SRV2	SRV3	SRV4	SRV5	SRV6	SRV7	
	2.5 kg	3.4 kg	4.3 kg	5.2 kg	6.1 kg	7.0 kg	7.9 kg	

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



	SRV2	SRV3	SRV4	SRV5	SRV6	SRV7
L	103	151	199	247	295	343
X	51.5	51.5	99.5	99.5	147.5	147.5
D	-	132	96	144	192	240
W	176	176	186	186	186	186
Y	9.5	9.5	51.5	51.5	51.5	51.5
Z	245	293	341	389	437	485