

The KYTOLA® Oval Gear Meter Model SR is designed and developed for lubrication oil measurement in demanding industrial environments.

The Model SR oval gear meter is a positive displacement meter which always shows the correct flow rate regardless of oil temperature or viscosity changes.



- For oil
- Single or multi-channel models
- Max. 120 L/min
- Kytola coil or NAMUR sensors
- NPT or BSP connectors
- Flow adjustment valves
- ATEX version (II 2GD c TX) as option



OVAL GEAR METER SR

FEATURES

Large viscosity range
30 – 1000 cSt

Independent of viscosity and
temperature changes

Transparent cover provides
highly visible oil flow indication

Pulse output

Sturdy construction

By-pass valves for service
“on the run”

TYPICAL APPLICATIONS

Lubrication oil flow monitoring

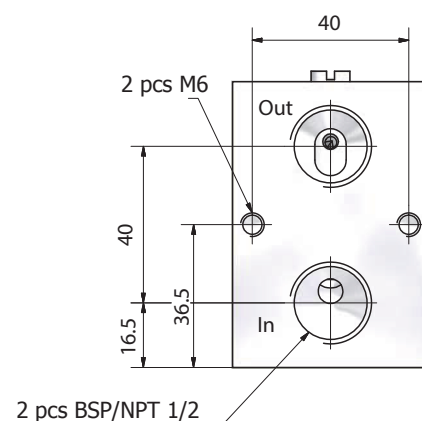
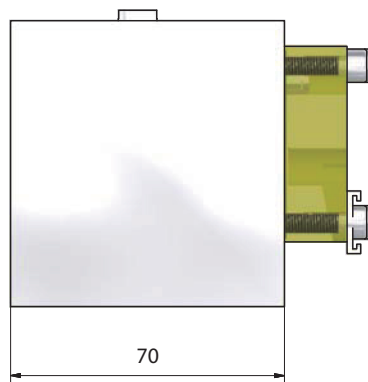
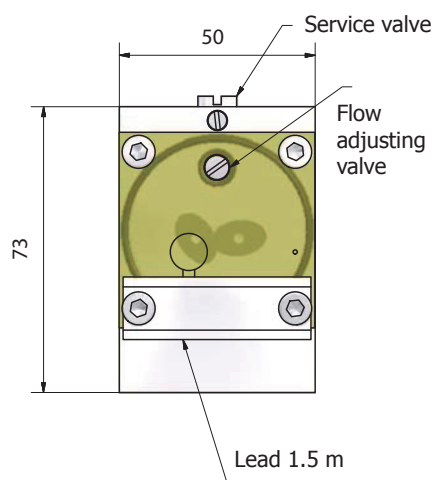
Industrial flow monitoring

Process control

SR-x Single Channel

TECHNICAL DATA

Model	SR-1	SR-2.5	SR-6
Output pulses/liter	2100	1062	290
Connections BSP/NPT	1/2"	1/2"	1/2"
Weight	0.6 kg	0.6 kg	0.6 kg
Gears	Composite polymer		
Body	Aluminium		
Cover	Polyamide		
Valve	AISI 316		
Seals	Viton®		
Sensor	Kytola coil (compatible with Kytola measuring stations) or NAMUR; DIN 19234		
Max. pressure	10 bar (20 bar*)		
Max. temperature	+80°C		
Viscosity range	30 – 1000 cSt		
Accuracy	±5 % of reading		* Special construction on request



SR- -8850- S

Flow Range

0.1 – 1	L/min	1
0.2 – 2.5	L/min	2.5
0.6 – 6	L/min	6

Connections

BSP threads	blank
NPT threads	N

Sensor

Kytola coil (Compatible with Kytola measuring stations)	blank
NAMUR	A
Without sensor (M12 x 1 thread)	D

Service valve (standard)

Special Feature

ATEX version – only with NAMUR sensor
Please choose options A and Z

Standard feature: leave *blank*
Special feature: choose Character

SR-2.5



Kytola
INSTRUMENTS

www.kytola.com



SCANDIMEX
INGENIERÍA

22 222 1576 | 22 222 2745 | 9 982 72 932
info@scandimex.cl | www.scandimex.cl
Avda. Lib. Bdo. O'Higgins 240, of. 81. Santiago

Kytola Instruments Oy
Olli Kytölän tie 1
FI-40950 Muurame, Finland
Tel. +358 20 779 0690
Fax +358 14 631 419
E-mail info@kytola.com

SR Single Channel

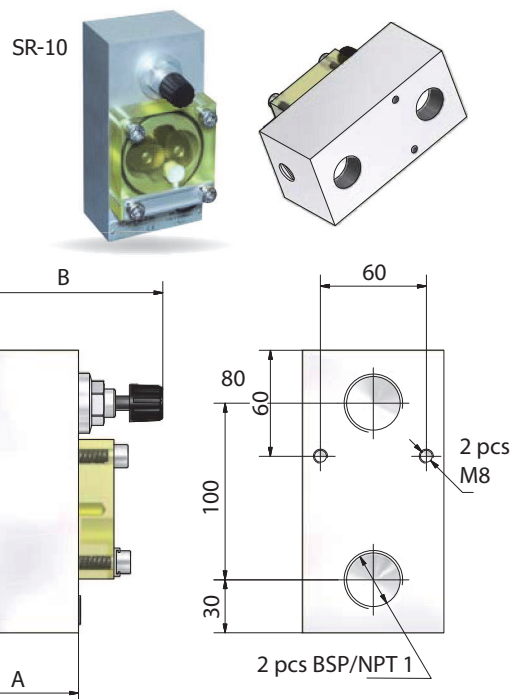
TECHNICAL DATA

Model	SR-10	SR-20	SR-30	SR-60	SR-120
Output, pulses/liter	126.8	75.8	49.8	22.4	17.6
Connections NPT/BSP	1"	1"	1"	1½"	1½"
Weight	1.7 kg	1.9 kg	2.6 kg	5.0 kg	5.0 kg
Gears	Brass				
Body	Aluminium				
Cover	Polyamide				
Valve spindle	AISI 316				
Seals	Viton®				
Sensor	Kytola coil (compatible with Kytola measuring stations) or NAMUR; DIN 19234				
Max. pressure	10 bar (20 bar*)				
Max. temperature	+80°C				
Viscosity range	30 – 1000 cSt				
Accuracy	±5 % of reading			* Special construction on request	

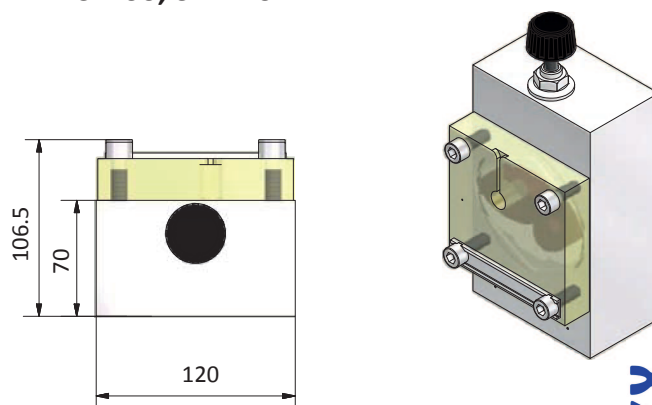
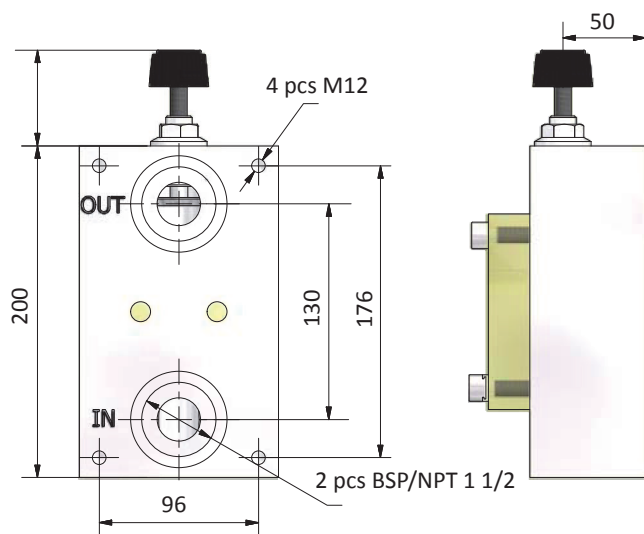
SR- [] - [] - [] - []		
Flow Range		
1 – 10 L/min	10	
2 – 20 L/min	20	
3 – 30 L/min	30	
6 – 60 L/min	60	
10 – 120 L/min	120	
Connection Type		
End connections	7844	
Back connections (10–30 L/min)	8850	
Back connections (60–120 L/min)	BH51	
Connections		
BSP threads	blank	N
NPT threads		
Sensors		
Kytola coil (Compatible with Kytola measuring stations)	blank	A
NAMUR		D
Without sensor (M12 x 1 thread)		
Special Feature		
ATEX version – only with NAMUR sensor Please choose options A and Z		
Standard feature: leave blank		Z
Special feature: choose Character		

SR-10...30

Model	A	B
SR-10	49	96
SR-20	49	96
SR-30	69	116



SR-60, SR-120



Kytola
INSTRUMENTS

www.kytola.com



Kytola Instruments Oy
Olli Kytölän tie 1
FI-40950 Muurame, Finland
Tel. +358 20 779 0690
Fax +358 14 631 419
E-mail info@kytola.com

SCANDIMEX
INGENIERIA

22 222 1576 | 22 222 2745 | 9 982 72 932
info@scandimex.cl | www.scandimex.cl
Avda. Lib. Bdo. O'Higgins 240, of. 81. Santiago

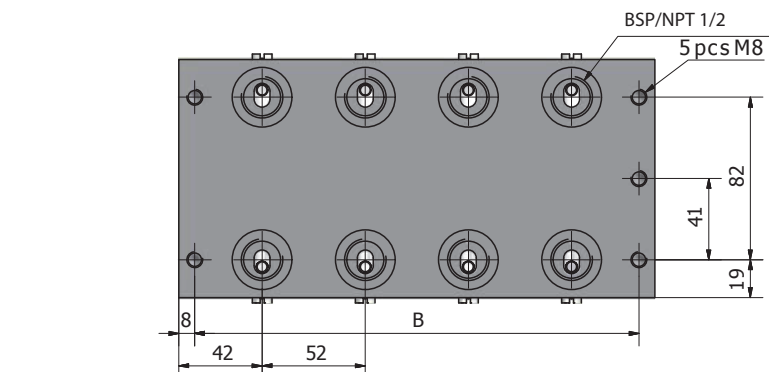
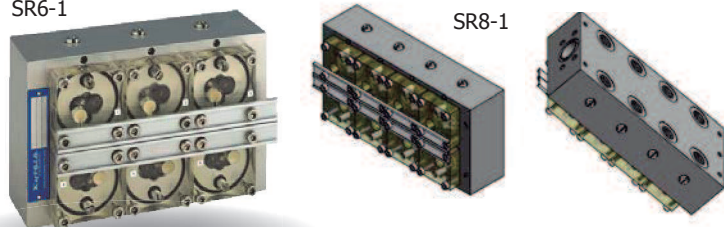
SRx-x Multi-Channel

TECHNICAL DATA

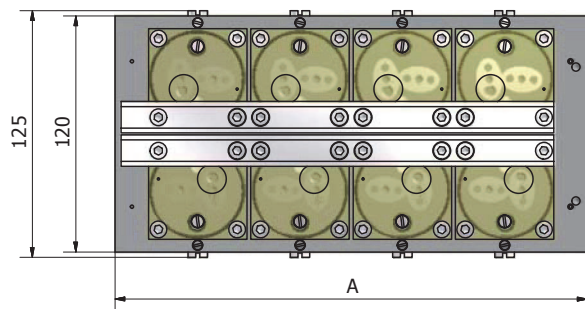
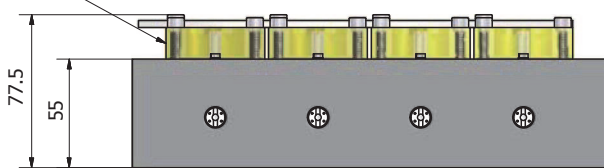
Model	SRx-1	SRx-2.5	SRx-6
Output pulses/liter	2100	1062	290
Connections BSP/NPT	1/2"	1/2"	1/2"
Weight	SR4: 2.5 kg SR6: 3.5 kg SR8: 4.5 kg		
Gears	Composite polymer		
Body	Aluminium		
Cover	Polyamide		
Valve	AISI 316		
Seals	Viton®		
Sensor	Kytola coil (compatible with Kytola measuring stations) or NAMUR; DIN 19234		
Max. pressure	10 bar (20 bar*)		
Max. temperature	+80°C		
Viscosity range	30 – 1000 cSt		
Accuracy	±5 % of reading		* Special construction on request

SR6-1

SR8-1



Leads 1.5 m



SR - -MD33- S

Multi-channel Model

4 measuring points	4
6 measuring points	6
8 measuring points	8

Flow Range

0.1 – 1	L/min	1
0.2 – 2.5	L/min	2.5
0.6 – 6	L/min	6

Sensor

Kytola coil (Compatible with Kytola measuring stations)	blank
NAMUR	A
Without sensor (M12 x 1 thread)	D

Connections

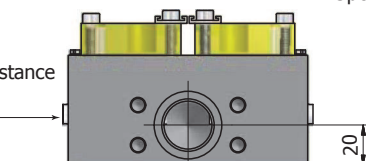
BSP threads	blank
NPT threads	N

Service valve (standard)

Special Feature

ATEX version – only with NAMUR sensor
Please choose options A and Z

Standard feature: leave blank
Special feature: choose Character



x	A	B
4	136	120
6	188	172
8	240	224

SCANDIMEX
INGENIERÍA

22 222 1576 | 22 222 2745 | 9 982 72 932
info@scandimex.cl | www.scandimex.cl

Avda. Lib. Bdo. O'Higgins 240, of. 81. Santiago

Kytola
INSTRUMENTS

www.kytola.com



Kytola Instruments Oy
Olli Kytölän tie 1
FI-40950 Muurame, Finland
Tel. +358 20 779 0690
Fax +358 14 631 419
E-mail info@kytola.com