

PULSE-METERS


The Original

D **R** **O** **A** **WS** **GR**
DIESEL RAPSOIL OIL ANTIFREEZE WINDSCREEN GREASE

EN Oval gear pulse meters

The oval gear pulse meters are designed to meet a wide range of product delivery measuring requirements in the private distribution of fuel, lubricant and low, medium and high viscosity liquids. The oval gear measuring principle adopted offers high precision and low pressure losses.

A complete range of models is designed to satisfy all flow rate requirements.

Easy interfacing with control systems makes these pulse meters the ideal solution for equipping fuel delivery pumps for private use in stationary lubricant

transfer/delivery systems, as meters for tank filling arms, for control of burner or power unit fuel consumption and other industrial applications requiring fluid delivery control.

Performance

- Precision $\pm 0.5\%$ in flow rate range after calibration
- Repeatability 0.2%
- Pressure loss < 0.5 bars (7 psi) at max flow rate

Construction features

- Body with aluminium measuring chamber
- Oval gears made of acetalic resin

- Aligned inlet/outlet apertures provided with female thread
- Integrated suction filter (not in model K400 / K200)

Connections

Pulse meter for connection to external receiver.

Type of output signal: raw signal (reed switch), single channel. Max 28 V Ac/dc 100 mAmp.

Pulse meter K900 with display and impulse transmission. Display power supply 4-12 Vdc, 1.2 Amp. Type of output signal: open collector max 50 V, 1.2 Amp, single channel. On-board display for calibration and local reading.



Remote display w/Pulse OUT



K200 HP

Pulser **1400** p/l

Flow rate

2.5 l/min

Accuracy

$\pm 0.5\%$

I/O **1/8"**



Low flow-rate

K200

Pulser **1400** p/l

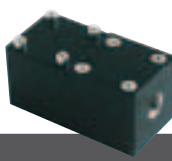
Flow rate

100 l/h

Accuracy

$\pm 0.5\%$

I/O **1/4"**



K400

Pulser **100** p/l

Flow rate **30** l/min

Accuracy $\pm 0.5\%$

I/O **1/2"**



Medium flow-rate

K600/3

Pulser **35** p/l

Flow rate **100** l/min

Accuracy $\pm 0.5\%$

I/O **1"**



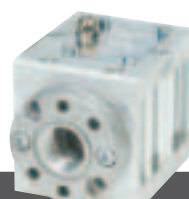
K600/4

Pulser **26** p/l

Flow rate **150** l/min

Accuracy $\pm 0.5\%$

I/O **1 1/2"**



K24 PULSER

Flow rate **120** l/min

Pressure **20** bar

Accuracy $\pm 1\%$

I/O **1"**



Type of output signal: raw signal (reed switch), single channel. Max 28 V Ac/dc 100 mAmp.

K700

Pulser **14** p/l

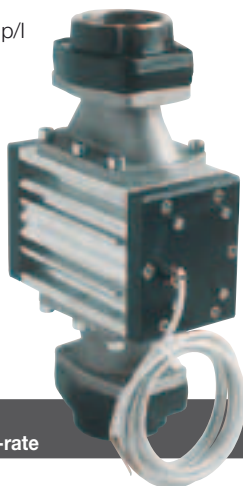
Flow rate

250 l/min

Accuracy

$\pm 0.5\%$

I/O **2"**



High flow-rate

K900

Pulser **10** p/l

Flow rate **500** l/min

Accuracy $\pm 0.5\%$

I/O **3"**

Display power supply 4-12 Vdc, 1.2 Amp. Type of output signal: open collector max 50 V, 1.2 Amp, single channel.



TURBINOX

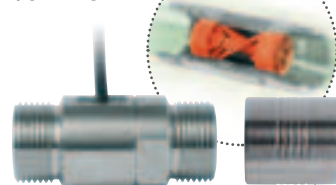
Digital turbine pulse meter

Flow rate **40** l/min

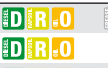
Pressure **30** bar

Accuracy $\pm 1\%$

I/O **1" BSP**



Type of output signal: raw signal (reed switch), single channel. Max 28 V Ac/dc 100 mAmp.

Code	Description		Pulser		Flow rate		Pressure			I/O	Inlet filter	Weight Kg	Packaging mm
			p/l	p/gal	l/min	gal/min	bar	psi					
000452030	K200 HP		1400	5306	0,1 - 2,5	0,03 - 0,66	1000	14200	-	-	1/8"	0,5	65x100x130
000452000	K200		1400	5306	10-100 l/h	0,03 - 0,66	30	426	-	-	1/4"	0,5	65x100x130
00044000A	K400		100	379	1 - 30	0,26 - 0,79	70	994	-	-	1/2"	0,5	80x80x75
00044007A	K400 windscreen		100	379	1 - 30	0,26 - 0,79	70	994	-	-	1/2"	0,5	80x80x75
F00472A20	K600/2-3 3/4" oil		33	130	6 - 60	1,58 - 15,8	70	994	-	●	3/4"	2	200x120x140
F00472A00	K600/3 1" diesel		35	133	10 - 100	2,64 - 26,4	30	426	-	●	1"	2,6	200x120x140
000473000	K600/4		26	98	15 - 150	3,9 - 39	20	284	-	●	1 1/2"	3,2	200x120x140
F0040722A	K24 pulse meter M/MF 1" BSP		100	379	5 - 120	1,3 - 30	20	300	-	-	1"	0,4	115x160x135
000498000	K700		14	53	25 - 250	6,6 - 66	20	284	-	●	2"	5,5	345x175x255
F0049902A	K900		10	38	50 - 500	13,2 - 132	20	284	-	●	3"	12	400x290x200
F0042000A	Turbinox inline pulse meter		100	379	10÷40	3÷11	20	300	-	-	1"	0,5	80x80x75

Upon request available in NPT version

