

PULSE-METERS



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

Pulsar 1400 p/l

Flow rate

2,5 l/min

Accuracy

+/- 0,5%

I/O 1/8"



Low flow-rate

K200

Pulsar 1400 p/l

Flow rate

100 l/h

Accuracy

+/- 0,5%

I/O 1/4"



K400

Pulsar 100 p/l

Flow rate 30 l/min

Accuracy +/- 0,5%

I/O 1/2"



Medium flow-rate

K600/3

Pulsar 35 p/l

Flow rate 100 l/min

Accuracy +/- 0,5%

I/O 1"



K600/4

Pulsar 26 p/l

Flow rate 150 l/min

Accuracy +/- 0,5%

I/O 1 1/2"



K24 PULSER

Flow rate 120 l/min

Pression 20 bar

Accuracy +/- 1%

I/O 3"



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

K700

Pulsar 14 p/l

Flow rate

250 l/min

Accuracy

+/- 0,5%

I/O 2"



High flow-rate



K900

Pulsar 10 p/l

Flow rate 500 l/min

Accuracy +/- 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

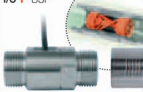
Digital turbine pulse meter

Flow rate 40 l/min

Pression 30 bar

Accuracy +/- 1%

I/O 1" BSP



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

Code	Description	Pulsar		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	K800/2-3 3/4" oil	33	130	6 - 60	1,58 - 15,8	70	994	-	-	3/4"	•	2	200x120x140
F00472A00	K800/3 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

