

# FLOW METERS



MECHANICAL 33-34



DIGITAL 35



PULSE 36-38



## Piusi K33 Flow Meter

- > Polybutylene nutating disk meter with mechanical display to measure the quantity of fuel that has been dispensed
- > Can work in gravity conditions thanks to low minimum flow rate
- > Meter body can be rotated to allow flow from 4 directions
- > Easy to install and calibrate if required
- > +/-1% accuracy after calibration
- > 3 digit resettable & 6 digit non-resettable totaliser
- > Working temperature -20°C/+60°C
- > ATEX version available for use in flammable environments

**20-120lpm**

FLOW RATE RANGE

**+/-1%**

ACCURACY

Code	Description	Flow Rate (lpm)	Pressure (bar/psi)	Inlet	Outlet	Totaliser	Fluids
553000	K33 Diesel	20-120	10/145	1" F BSP	1" F BSP	0.1 to 999.9 Resettable	D
558000	K33 Oil	20-120	10/145	1" F BSP	1" F BSP	0.1 to 999.9 Resettable	O
<b>NEW</b> F00570030	K33 ATEX	20-120	3.5/50	1" F BSP	1" F BSP	0.1 to 999.9 Resettable	D P K



## Piusi K44 Flow Meter

- > Polybutylene nutating disk meter with mechanical display to measure the quantity of fuel that has been dispensed
- > Can work in gravity conditions thanks to low minimum flow rate
- > Meter body can be rotated to allow flow from 4 directions
- > Easy to install and calibrate if required
- > +/-1% accuracy after calibration
- > 4 digit resettable & 8 digit non-resettable totaliser
- > Working temperature -20°C/+60°C
- > Pulsar version available: 10 pulses per litre, 6-24v DC 3 wire

**20-120lpm**

FLOW RATE RANGE

**+/-1%**

ACCURACY

Code	Description	Flow Rate (lpm)	Pressure (bar/psi)	Inlet	Outlet	Totaliser	Fluids
563000	K44 Diesel	20-120	10/145	1" F BSP	1" F BSP	0.1 to 9999.9 Resettable	D
563020	K44 Oil	20-120	10/145	1" F BSP	1" F BSP	0.1 to 9999.9 Resettable	O
56500A	K44 Pulsar	20-120	10/145	1" F BSP	1" F BSP	0.1 to 9999.9 Resettable	D

**D**  
DIESEL

## Piusi K700 Flow Meter

- › Oval gear meter with mechanical display to measure the quantity of fuel that has been dispensed
- › Meter body can be rotated to allow flow from 4 directions
- › Easy to install and calibrate if required
- › +/-1% accuracy after calibration
- › 4 digit resettable & 8 digit non-resettable totaliser
- › Working temperature -20°C/+60°C
- › 400µ inlet filter

**PIUSI**

**20-220lpm**

FLOW RATE RANGE

**+/-1%**

ACCURACY



Code	Description	Flow Rate (lpm)	Pressure (bar/psi)	Inlet	Outlet	Totaliser	Fluids
F00540030	K700M	20-220	10/145	1 1/2" F BSP Flanged	1 1/2" F BSP Flanged	0.1 to 9999.9 Resettable	<b>D</b>

**D** DIESEL  
**K** KERSOENE  
**B3** B30  
**P** PETROL

## Fill-Rite Series 900 Meter

- › Nutating disk meter with mechanical display to measure the quantity of fuel that has been dispensed
- › Can work in gravity conditions thanks to low minimum flow rate
- › Meter body can be rotated to allow flow from 4 directions
- › Easy to install and calibrate if required
- › +/-2% accuracy after calibration
- › 4 digit resettable & 8 digit non-resettable totaliser
- › Working temperature -26°C/+66°C
- › Ex II 2G c T6 approved

**FILL-RITE**

**23-151lpm**

FLOW RATE RANGE

**+/-2%**

ACCURACY



Code	Description	Flow Rate (lpm)	Pressure (bar/psi)	Inlet	Outlet	Totaliser	Fluids
OE0048	900 Series 1 1/2"	23-151	3.5/50	1 1/2" F BSP Flanged	1 1/2" F BSP Flanged	0.1 to 9999.9 Resettable	<b>D K B3 P</b>

# Digital Flow Meters \ Flow Meters



## Piusi Oval Gear Flow Meters

- › Oval gear meter with digital display to measure the quantity of fluid that has been dispensed
- › Flow rate indication (K600 & K900 models only)
- › +/-0.5 accuracy
- › 5 digit partial totaliser & 6 digit totaliser (4 digit partial on K200)
- › Working temperature -10°C/+60°C
- › Powered by two LR1 N-1.5v batteries
- › Aluminium measuring chamber
- › Single channel reed switch
- › Range of models available depending upon performance requirements and fluid applications

**0.1-500lpm**

FLOW RATE RANGE

**+/-0.5%**

ACCURACY



K200



K400



Next/2



K900



K600 B/3



K600/4



K600/3

Code	Description	Flow Rate (lpm)	Pressure (bar/psi)	Viscosity (cSt)	Inlet/Outlet	Inlet Filter	Totaliser	Fluids
430120	K200 ml/l	0.1-2.5	500/7810	1-2000	1/8" F BSP		0.1 to 9999 6 Digit Totaliser	D O A B2
430110	K200 gr/kg	0.1-2.5kg/min	500/7200	1-2000	1/8" F BSP		0.1 to 9999 6 Digit Totaliser	GR
F00484000	K400	1-30	70/994	5-2000	1/2" F BSP		0.1 to 9999 6 Digit Totaliser Plus x10, x100	D O A B2
483020	K400 - Windscreen	1-30	70/994	1-2000	1/2" F BSP		0.1 to 9999 6 Digit Totaliser Plus x10, x100	WS
F00486150	Next/2	6-60	70/994	10-2000	3/4" F BSP		0.1 to 9999 6 Digit Totaliser Plus x10, x100	O
496A20	K600/3 - Oil	6-60	70/994	10-2000	3/4" F BSP Flanged	400µ	0.1 to 9999 6 Digit Totaliser Plus x10, x100	O A B2
496A00	K600/3 - Diesel	10-100	30/426	2-5.35	1" F BSP Flanged	400µ	0.1 to 9999 6 Digit Totaliser Plus x10, x100	D
491000	K600 B/3 80mm Display - Diesel	10-100	30/426	2-5.35	1" F BSP Flanged	400µ	0.1 to 9999 6 Digit Totaliser Plus x10, x100	D
491010	K600 B/3 80mm Display - Oil	6-60	70/994	10-2000	3/4" F BSP	400µ	0.1 to 9999 6 Digit Totaliser Plus x10, x100	O
49700A	K600/4	15-150	20/284	2-2000	1 1/2" F BSP Flanged	400µ	0.1 to 9999 6 Digit Totaliser Plus x10, x100	D O A B2
499000	K900	50-500	20/284	2-2000	3" F BSP Flanged	400µ	0.1 to 9999 6 Digit Totaliser Plus x10, x100	D O

NEW

NEW

NEW





**5-120lpm**

FLOW RATE RANGE

**+/-1%**

ACCURACY



## Piusi K24 Pulse Meter

- > Turbine meter to measure the quantity of fluid that has been dispensed
- > c/w reed switch pulsar to send the information to an external management system or remote display
- > Bi-directional to allow flow to be counted either way (aluminium body only)
- > +/-1% accuracy
- > Working temperature -10°C/+50°C
- > 88 pulses per litre
- > Diesel, ATEX & AdBlue® versions available
- > Standard diesel version is constructed of plastic, whereas ATEX version is a more sturdy aluminium model
- > Compatible remote displays available as an option

Code	Description	Flow Rate (lpm)	Pressure (bar/psi)	Inlet	Outlet	Socket	Pulses (Per Litre)	Material	Fluids
F0040722A	K24 Plastic Pulsar	5-120	10-145	1" M BSP	1" M BSP	o	88	Plastic	D W WS
F00408Y00	K24 ATEX Pulsar	7-120	20-300	1" F BSP	1" M BSP		88	Aluminium	D P K
F0040721B	K24 AdBlue® Pulsar	6-100	10-145	1" M BSP	1" M BSP	o	88	Plastic	AB W WS



**10-40lpm**

FLOW RATE RANGE

**+/-1%**

ACCURACY



## Piusi Inline Turbinex

- > Turbine meter to measure the quantity of fluid that has been dispensed
- > c/w reed switch pulsar to send the information to an external management system or remote display
- > +/-1% accuracy
- > Working temperature -10°C/+50°C
- > 90 pulses per litre
- > Inline and 90 degree versions available depending upon the installation
- > Compatible remote displays available as an option

Code	Description	Flow Rate (lpm)	Pressure (bar/psi)	Inlet	Outlet	Pulses (Per Litre)	Fluids
F00420000	Inline Turbinex	10-40	20-284	1" M BSP	1" M BSP	90	AB W WS
F00420010	90 Degree Turbinex	10-40	20-284	1" M BSP	3/4" Hosetail	90	AB W WS

# Pulse Meters \ Flow Meters



## Piusi Oval Gear Pulse Meters

- › Oval gear meter to measure the quantity of fluid that has been dispensed
- › C/w pulse output to send the information to an external management system or remote display
- › +/-0.5% accuracy
- › Working temperature -10°C/+60°C
- › Pulses per litre depending upon model
- › Aluminium measuring chamber
- › Range of models available depending upon performance requirements and fluid applications
- › Compatible remote displays available as an option

**0.1-500lpm**

FLOW RATE RANGE

**+/-0.5%**

ACCURACY



K200



K200HP



K400



K900



K600/4



K700



K600/3

Code	Description	Flow Rate (lpm)	Pressure (bar/psi)	Viscosity (cSt)	Inlet/Outlet	Inlet Filter	Pulses (Per Litre)	Fluids
452030	K200HP	0.1-2.5	1000/14200	1-2000	1/8" F BSP		1400	D O GR B2
452000	K200	0.1-2.5	30/426	1-2000	1/4" F BSP		1400	D O B2
F00440200	K400	1-30	70/994	5-2000	1/2" F BSP		100	D O A B2
44007A	K400 - Windscreen	1-30	70/994	1-2000	1/2" F BSP		100	WS A
472A20	K600/3 - Oil	6-60	70/994	10-2000	3/4" F BSP Flanged	400µ	33	O A B2
472A00	K600/3 - Diesel	10-100	30/426	2-5.35	1" F BSP Flanged	400µ	35	D
473000	K600/4	15-150	20/284	2-2000	1 1/2" F BSP Flanged	400µ	26	D O A B2
498000	K700	25-250	20/284	2-2000	2" F BSP Flanged	400µ	14	D O A B2
499020	K900	50-500	20/284	2-2000	3" F BSP Flanged	400µ	10	D O A B2

NEW



**PIUSI**

**6-100lpm**

FLOW RATE RANGE

**+/-0.5%**

ACCURACY

**D**  
DIESEL

**O**  
OIL

## Piusi K600 B/3 Pulse Meter

- > Oval gear meter to measure the quantity of fluid that has been dispensed
- > c/w pulse output to send the information to an external management system or remote display
- > 80mm rotatable digital display eliminating the need for a remote display to view transactions at the dispensing point
- > Variable pulse ratio for connecting to any management system
- > 5 digit partial totaliser, 6 digit totaliser & flow rate indication
- > +/-0.5% accuracy
- > Powered by two LR1 N-1.5v batteries
- > Working temperature -10°C/+50°C

Code	Description	Flow Rate (lpm)	Pressure (bar/psi)	Inlet	Outlet	Pulses (Per Litre)	Totaliser	Fluids
492000	K600 B/3 Pulsar - Diesel	10-100	30/426	1" F BSP Flanged	1" F BSP Flanged	1, 2, 10, 20, 50, 100	0.1 to 9999 6 Digit Totaliser Plus x 10, x 100	<b>D</b>
492010	K600 B/3 Pulsar - Oil	6-60	70/994	¾" F BSP Flanged	¾" F BSP Flanged	1, 2, 10, 20, 50, 100	0.1 to 9999 6 Digit Totaliser Plus x 10, x 100	<b>O</b>



**PIUSI**

**ANY FLUID**

**Digital**

DISPLAY TYPE

**All Piusi**

METER TYPE

## Piusi Remote Display

- > Large digital display to allow the user to see the quantity dispensed
- > Calibration function
- > 5 digit non-resettable totaliser, 6 digit totaliser & flow rate indication
- > 1, 2, 10, 20, 50, 100 pulses per litre
- > Low battery indication; 2 x AA batteries
- > Basic display only versions or model with a pulse emitter to connect to other types of systems
- > Range of models depending upon the pulse meter that the display is to be used in conjunction with (max cable length 15m)

Code	Description	Type	Meter	Totaliser	Batteries
F1175200A	Remote Display for K600	Pulse OUT	K600 Diesel	0.1 to 9999 6 Digit Totaliser Plus x 10, x 100	2 x AA - 1.5v
F1175300A	Remote Display for K600/4	Pulse OUT	K600/4	0.1 to 9999 6 Digit Totaliser Plus x 10, x 100	2 x AA - 1.5v
F1175400A	Remote Display for K700	Pulse OUT	K700	0.1 to 9999 6 Digit Totaliser Plus x 10, x 100	2 x AA - 1.5v
F00495010	Universal Remote Display Pulse Out	Pulse OUT	All Piusi Pulse Meters	0.1 to 9999 6 Digit Totaliser Plus x 10, x 100	2 x AA - 1.5v
F00495020	Universal Remote Display Pulse In	Pulse IN	All Piusi Pulse Out	0.1 to 9999 6 Digit Totaliser Plus x 10, x 100	2 x AA - 1.5v
F0049503B	Remote Display AdBlue	Pulse OUT	Turbinox / K24	0.1 to 9999 6 Digit Totaliser Plus x 10, x 100	2 x AA - 1.5v