

PIUSI K24 PULSE METER M/F 1" BSP ATEX/IECEX F00408Y00

F00408Y00

FLUID COMPATIBILITY

Diesel

Petrol

Mechanical pulse meter for petrol dispensing, DN25 (1 inch) BSP female thread. Aluminium construction, 100 bar max pressure. Outputs pulses to fuel management systems.



FEATURES

- Pulse output for petrol flow tracking
- DN25 (1 inch) BSP female connections
- Aluminium body, 100 bar max pressure
- Weight 0.4 kg
- Requires KCD2-SOT-Ex1.LB barrier (sold separately)
- Integrates with fuel management controllers

BENEFITS

- Track every litre dispensed to vehicles or plant
- Connects to standard BSP plumbing
- Compact and light for tight pump installations
- Pulse signal feeds directly into your fleet management software

TECHNICAL SPECIFICATIONS

Flow Rate	7-120ltr Per Min
Accuracy	+/-1% after calibration
Pulses	88 per ltr

Fluid Viscosity	2-5.35 cSt
Max Fluid Temperature	+50°C

USE CASE & APPLICATION

- Fleet refuelling with electronic logging
- Service station petrol dispensing
- Fuel management system integration
- Tank inventory monitoring
- Workshop fuel accountability



FUEL MANAGEMENT
SYSTEMS



DISPENSERS



KITS



PUMPS



METERS



NOZZLES

K24 ATEX



FEATURES

- BURSTING PRESSURE 100 BAR
- LCD DISPLAY
- FLOW RATE INDICATION
- EASY TO CALIBRATE
- UL VERSION AVAILABLE

The PIUSI K24 ATEX, specifically designed to be compliant with ATEX/IECEx requirements, is manufactured using high-quality materials compatible with gasoline, kerosene and diesel to be used in potentially explosive areas. This turbine flow meter is equipped with a 6-digit totalizer and partial reset.

PERFORMANCE

7-120

L/MIN
FLOW RATE

20 BAR

MAX
OPERATING PRESSURE

± 1%

ACCURACY

0,3%

REPEATABILITY



K24 ATEX / IECEx



OUR PRODUCT COMPLIES WITH THE FOLLOWING MARKING ATEX/IECEx

II	2	G	Ex	ia	IIB	T4	Gb
GROUP	CATEGORY	TYPE OF EXPLOSIVE ATMOSPHERE	PERMANENT PREFIX	PROTECTION METHOD	GAS GLASS	TEMPERATURE CLASS	EQUIPMENT PROTECTION LEVEL

PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
K24 A ATEX/IECEx METER					
FOO408X00	0,65	1,4	115X160X135	4,5X6,3X5,3	1
K24 A ATEX/IECEx PULSER					
FOO408Y00	0,65	1,4	115X160X135	4,5X6,3X5,3	1



FILTRATION



TANK MONITORING



HOSE REEL



ACCESSORIES



MERCHANDISE

PIUSI



ANY BIODIESEL



AIR



ANTIFREEZE



AdBlue®



BIODIESEL



DIESEL



FOOD



GASOLINE



GREASE



KEROSENE



OIL

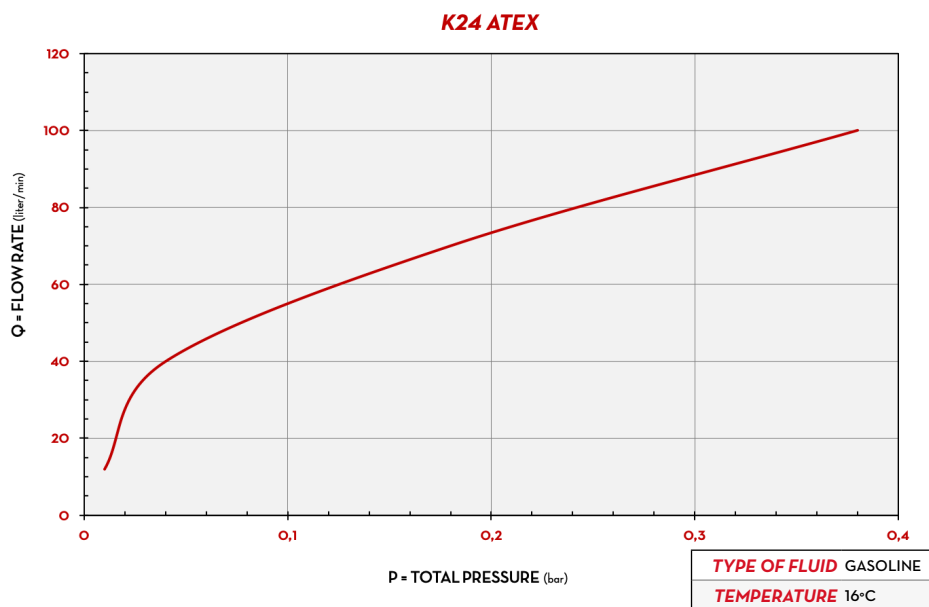


WATER

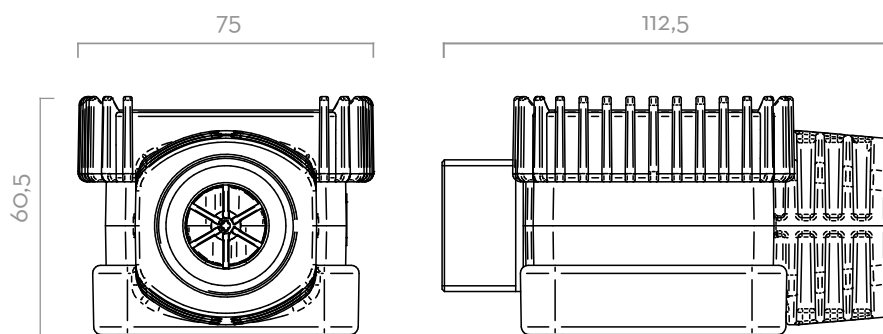


WINDSCREEN

CHART



DIMENSIONS



Dimensions expressed in millimeters

IN THE BOX

- K24 ATEX METER
- INSTRUCTION MANUAL

DETAILS



MATERIALS

- BODY: ALUMINIUM
- GEARS: TECHNOPOLYMER

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		PRESSURE		SPECIAL BATTERY INCLUDED N° 1.5V LITHIUM	FLANGE	INLET / OUTLET
			L/MIN	GPM	BAR	PSI			
K24 A ATEX/IECEX METER									
FOO408X00	K24 A M/F 1" BSP ATEX/IECEX		7 - 120	2 - 32	20	300	YES	NO	M 1" BSP - F 1" BSP
K24 A ATEX/IECEX PULSER									
FOO408Y00	K24 A PULSER M/F 1" BSP ATEX/IECEX (92 PULSE/L)		7 - 120	2 - 32	20	300	NO	NO	M 1" BSP - F 1" BSP

COMPATIBLE FLUIDS: DIESEL, KEROSENE, PETROL, PETROL/ALCOHOL MIXTURE (MAX 20%), AVGAS 100/100LL (PUMP AND FLOW METER ONLY), JET A/A1 (PUMP AND FLOW METER ONLY), ASPEN 2/4. VERSION WITH UL APPROVAL FOR ASPEN 2/4 AVAILABLE.