



Turbine

## K24 ATEX/IECEX 25 PULSE METER

Item code: F00408Y00-CATA



Piusi K24 Pulse Meter for the accurate measurement of Diesel, Gasoline (Petrol), Kerosene, AVGAS and Jet A1 Fuels. Meets ATEX / IECEx requirements related to the use of materials in potentially explosive atmospheres.

### FEATURES:

- Piusi K24 Pulse Meter for the accurate measurement of Diesel, Gasoline (Petrol), Kerosene, AVGAS and Jet A1 Fuels.
- Meets the ATEX/IECEx requirements related to the use of materials in potentially explosive atmospheres.
- Digital pulse meter for low-viscosity fluids.
- The ideal instrument for controlling fluid dispensing.
- Sturdy casing and a sealed electronic card make it suitable for use in practically all conditions.
- Aluminum body.
- Impulse-type signals: single channel, reed switch.
- Repeatability 0.3 %.
- Loss of pressure < 0.03 bar at 120 l/min.
- 7-120lpm.
- Accuracy +/- 1%.
- BSP or NPT Male / Female Thread.
- 92 pulses per L.
- 20 bar pressure rating.
- UL approved model available.

### ATEX / IECEX - APPROVAL CLASSIFICATION:

- Group - II
- Category - 2
- Type of Explosive Atmosphere - G
- Permanent Prefix - Ex
- Protection Method - ia
- Gas Class - IIB
- Temperature Class - T4
- Equipment Protection Level - Tb



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## PRODUCT RANGE:

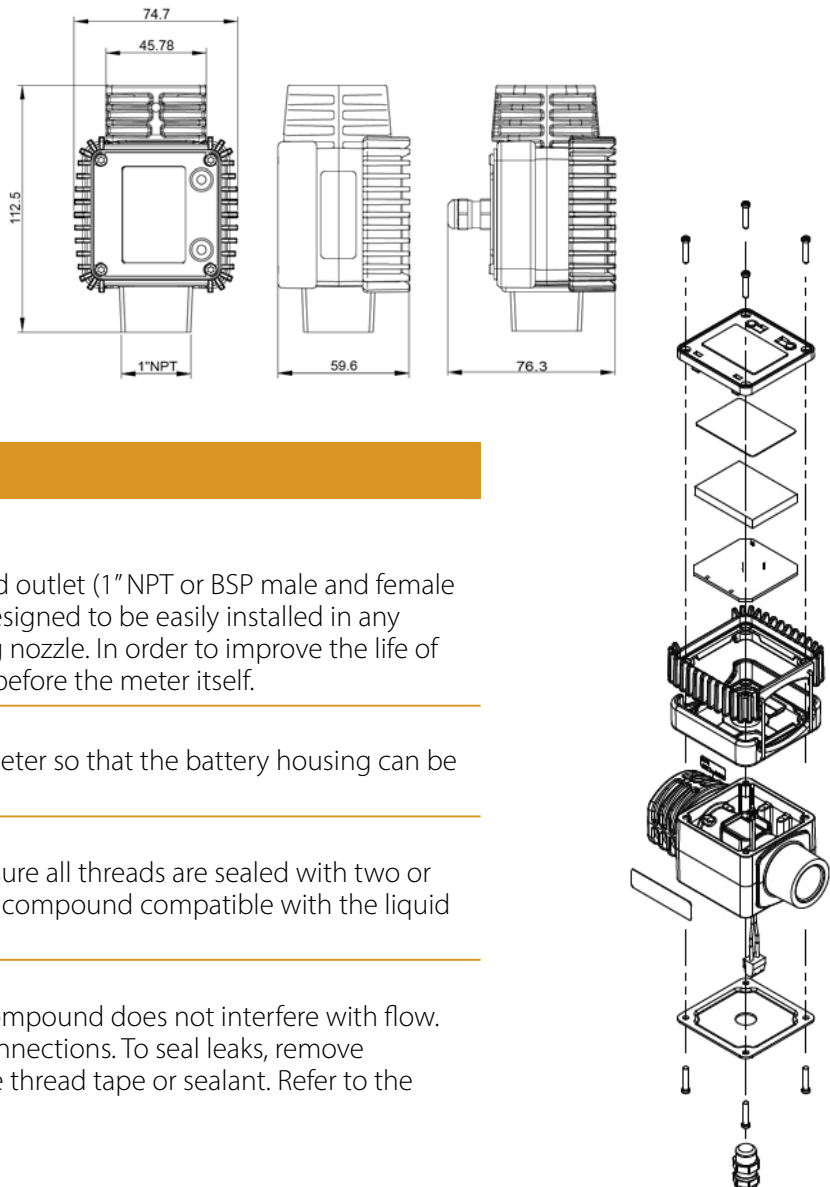
Code	Description	Inlet/Outlet	Flow Rate		Pressure		Special Battery Included	Flange
			lpm	gpm	Bar	psi		
F00408Y00	K24 A Pulsar M/F 1" BSP ATEX/IECEx (92 pulse/l)	M/F 1" BSP	7-120	2-32	20	300	No	No

### Fluids permitted:

Diesel - kerosene - petrol - petrol alcohol mixed max 20% - avgas 100/100LL - jet A/A1 - aspen 2/4 UL classified version available.

## WEIGHT & PACKAGING:

Weight		Packaging	
kg	lbs	mm	inch
0,5	1,1	115 x 160 x 135	4,5 x 6,3 x 5,3



## INSTALLATION:

### FOREWORD

K24 features a threaded, perpendicular inlet and outlet (1" NPT or BSP male and female that can be combined together). It has been designed to be easily installed in any position: fixed in-line or mobile on a dispensing nozzle. In order to improve the life of the turbine, it is recommended to fit a strainer before the meter itself.



#### ATTENTION

For installations on system, position meter so that the battery housing can be easily reached.

#### CONNECTIONS

To protect against the leakage, make sure all threads are sealed with two or three turns of thread tape or a sealing compound compatible with the liquid being metered.



#### ATTENTION

Make sure the tread tape or sealing compound does not interfere with flow. Make sure there are no leaks in the connections. To seal leaks, remove and inspect the meter and replace the thread tape or sealant. Refer to the Troubleshooting Section.