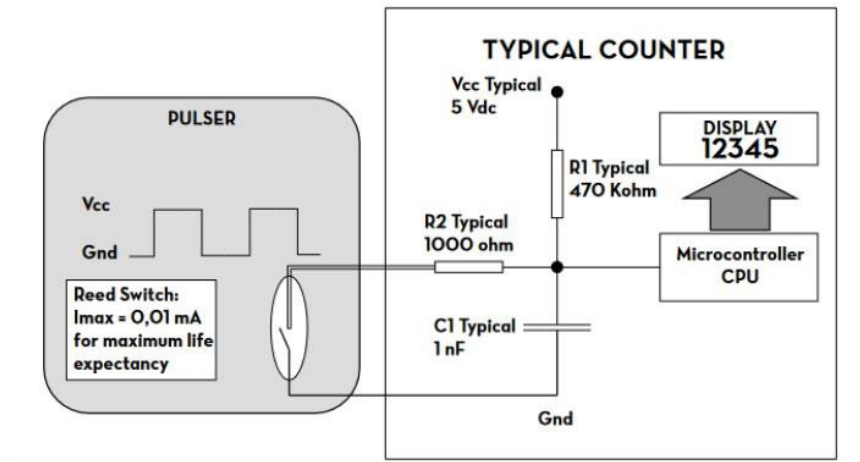




## K200 – HP PULSER – COD. 014-1084-010

The Pulsar version is a pulse emitter (REED bulb) which translates the variations in the magnetic field generated by the rotation of the gears into electrical impulses to be sent to a receiver. external device that needs to be connected. The Pulsar does not require an independent power supply as it is powered directly by the connection with the receiver. The type of pulse it emits is represented by a square wave generated by the voltage variation which can be schematized as follows:

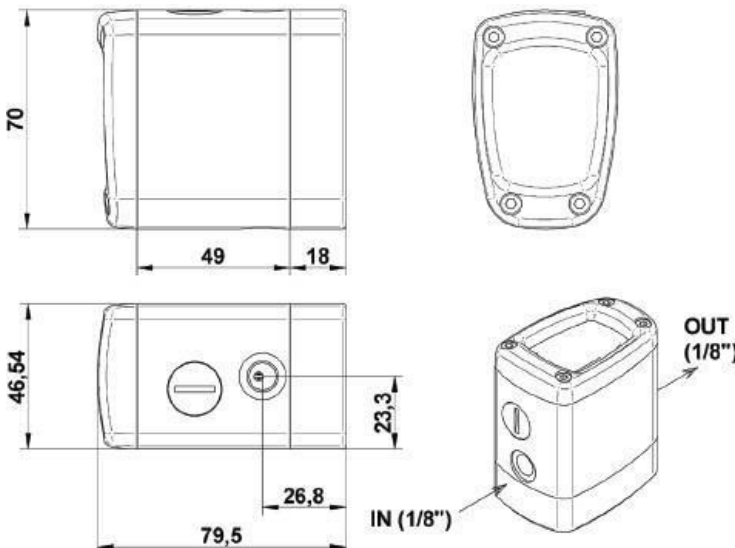


Duty Cycle:  $T_{High} / (T_{High} + T_{Low}) \%$

MODEL	FLOW RATE FIELD		PULSER		Frequency Signal Max	Square Wave Duty Cycle
	l / min.	g / min	Pulse / liter (approximately)	Pulse / Gal (approximately)		
K200	0,1 - 2,8	0,03 - 0,6	1400	5306	65 Hz	20 - 80%

The calibration of the instrument is made by means of the external receiver. The PULSER version must be connected by cables and respecting the following characteristics:

$V_{max}: 28 \text{ V} - A_c / D_c - I_{max}: 100 \text{ mA}$



### 13 TECHNICAL DATA

Measurement System	Oval Gear
Resolution (nominal)	0,1 (gr/oz/ml)
Flow rate (Range)	0,1-2,5 Kg/min; 0,1-2,8 L/min; 0,2-5,5 lb/min
Operating Pressure (Max)	550 (Bar) / 8000 (psi)
Bursting pressure (Min)	1000 (Bar) / 15000 (psi)
Storing Temperature (Range)	-20 - +70 (°C)
Storing Humidity (Max)	95 (% RU)
Operating Temperature (Range)	-10 - +60 (°C)
Accuracy range	0,1-2,5 Kg/min +/- 3% after calibration with grease grade 0,1-2,8 L/min NLG11 0,2-5,5 lb/min
Repeatability (Typical)	+/- 1% with fluid grade NLG11