

# Model PB

Angle fertilizer meters, designed to accurately measure the flow of highly corrosive liquids.



Light  
Weight



Chemical  
Resistant



Accurate

## Benefits & Features

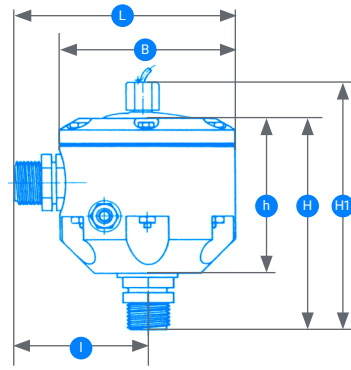
- ✓ Small, lightweight and compatible with all automation systems
- ✓ Made of materials that can withstand all fertilizer materials
- ✓ Electrical outputs and totalizing registers

## Specifications & Recommendations

- **Maximum Working Pressure:** 5 bar
- **Maximum Working Temperature:** 50°C
- The meter should be installed with dial face in horizontal position

→ TECHNICAL DIMENSIONS

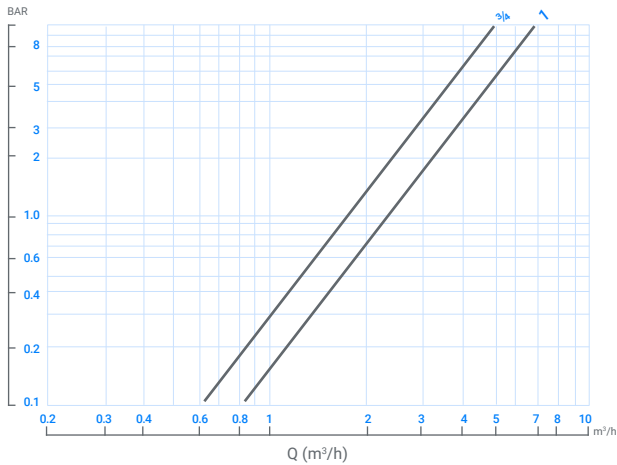
|                                   |        |       |    |
|-----------------------------------|--------|-------|----|
| DIAMETER                          | (MM)   | 20    | 25 |
|                                   | (INCH) | ¾     | 1  |
| L - LENGTH (MM)                   |        | 150   |    |
| I - LENGTH (MM)                   |        | 90    |    |
| H - HEIGHT (MM)                   |        | 150   |    |
| H1 - HEIGHT WITH REED SWITCH (MM) |        | 170   |    |
| h - HEIGHT (MM)                   |        | 115   |    |
| B - WIDTH (MM)                    |        | 120   |    |
| WEIGHT (KG)                       |        | 0.875 |    |



→ PERFORMANCE DATA

| NOMINAL SIZE |    | Q1 MINIMUM FLOWRATE (L/H) | Q2 TRANSITIONAL FLOWRATE (L/H) | Q3 NOMINAL FLOWRATE (M <sup>3</sup> /H) | Q4 MAXIMUM FLOWRATE (M <sup>3</sup> /H) | MINIMUM REGISTER CAPACITY (M <sup>3</sup> ) | MINIMUM REGISTER CAPACITY (LITER) | ACCURACY BETWEEN Q4 & Q2 | ACCURACY BETWEEN Q2 & Q1 |
|--------------|----|---------------------------|--------------------------------|---|---|---|-----------------------------------|--------------------------|--------------------------|
| INCH         | MM |                           |                                |   |   |   |                                   |                          |                          |
| ¾            | 20 | 50                        | 200                            | 2.5                                     | 5                                       | 105   | 0.1                               | 2% ±                     | 5% ±                     |
| 1            | 25 | 100                       | 400                            | 5                                       | 10                                      | 105   | 0.1                               |                          |                          |

→ HEAD LOSS



→ CATALOG NUMBERS

| MODEL | END CONNECTION SIZE | CONN. TYPE | PULSE RES. | CATALOG NUMBER |
|-------|---------------------|------------|------------|----------------|
| PB    | ¾"                  | BSP        | 1L         | 70240-005300   |
|       |                     |            | 10L        | 70240-005320   |
|       |                     |            | 100L       | 70240-005325   |
|       | 1" *                |            | 1L         | 70240-005400   |
|       |                     |            | 10L        | 70240-005500   |
|       |                     |            | 100L       | 70240-005600   |