

# PITOT TUBE

## Model Pitot Tube

When a pitot tube is used as an integral part of a flow control valve control circuit, it provides the differential pressure ( $\Delta P$ ) to power the flow control pilot. A pitot tube flow sensor is recommended for applications where low head loss is essential and required flow is relatively high.

Due to its low  $\Delta P$  output, a flow control valve with pitot tube (Model 770-j) should employ a high sensitivity pilot.

### Technical Data

#### Material:

Brass or Stainless Steel

#### Sensing ports:

$\frac{1}{8}$ " NPT

#### Minimum flow velocity:

1.0 m/sec

#### Dimensions:

| Valve Size |         | L   | W  |
|------------|---------|-----|----|
| Inch       | DN      | mm  | mm |
| 1½"-3"     | 40-80   | 85  | 30 |
| 4"-12"     | 100-300 | 115 | 30 |
| 14"-20"    | 350-500 | 220 | 30 |

### Hydraulic Chart

