

## FLOW RATE INDICATOR WITH SWITCH

### FEATURES

Direct Reading Flow Rate Indication Optional switches Optional 4-20mA output signal Pressures up to 2000 PSIG (410 Bar) Maximum temperatures to 400oF (315oC) Wafer connection mounts easily between ANSI flanges Versatile mounts in any orientation No Straight Pipe Runs Required Easy to read with Dark or Opaque Fluids Full Scale Flow Ranges from 1 LPM to 500LPM (depending upon pressure) Connections sizes are from ¼" to 6"

### GENERAL DESCRIPTION

Flow rate indicators are designed for tough industrial applications. This flow indicator is mechanical with a spring-loaded vane and pointer indicator. This allows for mounting in any orientation and is ideal for use with fluids. The body mounts between flanges which reduce weight, size and cost. Standard with mechanical indication with options of one or two switches, and /or a two wire 4-20mA output signal.



### TECHNICAL DATA

Measuring Accuracy: = 5% of full scale

Repeatability: = 1% of full scale

LP = 300 psi / 20 bar maximum

MP = 750 psi / 50 bar maximum

HP = 3000 psi / 200 bar maximum

### INDICATOR OUTPUT

ME = Mechanical Pointer only

3EE = SPDT 3 Wire Switch

POT = Potentiometer (Specify Rating)

OUT = 4-20 Ma Amp Output.

### 'O' RING SEAL MATERIAL

S1 = Buna (-40°C +110°C)

S2 = EPDM (-40°C +150°C)

S3 = Viton (-20°C +200°C)

S4 = PTFE (-100°C +250°C)

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### SERIES AND FLOW RATE

EKC\* = Low Flow

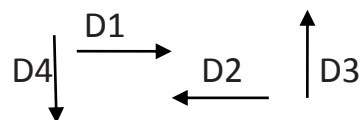
EIL\* = Litres / Min

EKB\* = Imp. Gallons / Min

EKG\* = U.S. Gallons / Min

EKM\* = M3/ Hour (\*Add Full Flow Rate in Units)

### FLOW DIRECTION



### PORT CONNECTIONS

2 = 1/4 "

4 = 1/2" Sizes 1/4" - 2" are Screwed or Flanged.

6 = 3/4"

8 = 1"

10 = 1 1/4"

12 = 1 1/2"

16 = 2"

20 = 2 1/2"

24 = 3"

32 = 4"

48 = 6"

64 = 8"