SERIES AND FLOW RATE

FMC*	= Low Flow
FML*	= Litres / Min
FMB*	= Imp. Gallons / Min
FMG*	= U.S. Gallons / Min
FMM*	= M3/ Hour

*Add Full Flow Rate in Units

MATERIAL OF MANUFACTURE

AL	= Aluminum
B	= Bronze
CI	= Cast Iron
CIK	= Cast Iron Nickel Plated
S	= Carbon Steel
SS	= Stainless Steel
PTFE	= PTFE
PVC	= PVC

*Only available up to 4" Port Connections and 100 psi / 7 bar maximum pressure.
Note: For materials and pressures not specified, please consult factory.

PRESSURE RATING

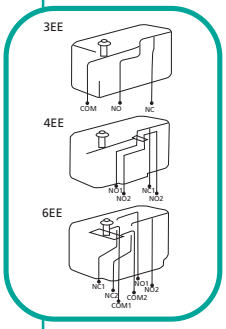
LP	= 300 psi / 20 bar maximum
MP	= 750 psi / 50 bar maximum
HP	= 3000 psi / 200 bar maximum

*CI, CIK, S & SS only

INDICATOR READ OUT

ME	= Mechanical Pointer only
3EE	= SPDT 3 Wire Switch
4EE	= SPDT Double-break 4 wire switch
6EE	= DPDT 6 Wire switch
3EEG	= SPDT 3 Wire Switch with Gold Contacts
3EE(ATEX2)	= SPDT Explosion Proof Micro Switch to ATEX zone 2
3EE(ATEX1)	= SPDT Explosion Proof Switch to ATEX zone 1
6EE(ATEX1)	= DPDT Explosion Proof Switch to ATEX zone 1
AIR	= Pneumatic Switch
POT	= Potentiometer (Specify Rating)
OUT	= 4-20 mAmp Output
TOT	= Digital Rate Totaliser
TOTX	= Digital Rate Totaliser (ATEX)

Note 1: All electrical boxes (apart from TOT & TOTX) also carry a Mechanical Pointer
Note 2: For 4 & 6 Wire Switches replace 3EE by 4EE or 6EE
Note 3: Manufactured to IP65 (NEMA 4) as standard (up to 21/2")



ELECTRICAL OPTIONS

CODE: 3EE
Basic single pole, double throw, 3 wire switch.
15 Amp - 125, 250 or 480V.AC
0.5 Amp - 125V.DC / 0.25 Amp - 250V.DC

CODE: 4EE
Contact arrangements is single-pole, double throw, double-break. 10 Amp - 125 or 250V.AC
0.3 Amp - 125V.DC / 0.15 Amp - 250V.DC

CODE: 6EE
Double-pole, double throw switches simultaneously make and break two independent circuits.
10 Amp - 125 or 250V.AC
0.3 Amp - 125V.DC / 0.15 Amp - 250V.DC

CODE: AIR
This system offers an alternative safety arrangement for operation in explosive atmospheres. Compressed air can be used to transmit an on / off signal from the danger area, or to operate a klaxon inside the danger area.

CODE: POT
Remote read-out option (0-10V). Rating to customer's specification, e.g. 1K, 2K etc.

CODE: OUT
A transducer can be connected to the potentiometer to give the required 4-20 mAmp readout. Data Loggers or Recorders can be added to the system.

The 3 and 6 wire switches described above are available in ATEX approved explosion proof versions, with the appropriate enclosure box. When two or more switches are assembled in one unit, they remain independently adjustable. Re-adjustments may be carried out in the field.

FLOW DIRECTIONS

D1 = → D2 = ←
D3 = ↑ D4 = ↓

'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)
S5 = Perlast	(-15°C	+330°C)

PORT CONNECTIONS

2 = 1/4 "
4 = 1/2"
6 = 3/4"
8 = 1"
10 = 1 1/4"
12 = 1 1/2"
16 = 2"

Sizes 1/4" - 2" are Screwed or Flanged.
For Flanged Bodies, add relevant code letters (shown below).

20 = 2 1/2"
24 = 3"
32 = 4"
48 = 6"
64 = 8"

Sizes 2 1/2" - 8". Standard units have Flanged Bodies - add relevant code letters (shown below).
Cast Iron and Steel mating flanges are available:
For Screwed, add - S
For Socket Weld, add - SW

Standard Threads are BSP, for NPT add - N
For Flanged Connections add one of the following codes:

F10
F16
F25
F40

Alternative Pressure Ratings in BS4504 / DIN2632-5

F150
F300
F600

Alternative Pressure Ratings in BS1560 / ANSI B16.5

FAD
FE
FF

Alternative Pressure Ratings in BS10

For special wafer connections, please enquire at factory.

VISCOSITY AT OPERATING TEMPEATURE

State units and scale
eg. Water is 1 Centistoke (cS) **120/340**
Maximum rating should not exceed 600cS