

## Baseline Flow Meter and Flow Sensor Specifications (Rev. 07212016)

Model	Description	Pipe Size	Maximum Water Pressure	Suggested Operating Range (GPM)	Pulses Per Gallon	K value and Offset	Connection Type	Up Stream Distance	Down Stream Distance	Meter Length	Total Requirements
<b>BHM Series – Metal Hydrometer with Integrated Flow &amp; Master Valve Decoder, Body Material Cast Iron with Polyester Coating</b>											
BL-BHM150	1.5" Normally Closed	1.5"	230	1.8-55	188.68	0.318 0	NPT Male Threaded	0"	0"	6 5/16"	6 5/16"
BL-BHM150-NO	1.5" Normally Open	1.5"	230	1.8-55	188.68	0.318 0	NPT Male Threaded	0"	0"	6 5/16"	6 5/16"
BL-BHM200	2" Normally Closed	2"	230	5.3-95	117.65	0.51 0	NPT Female Threaded	0"	0"	8 5/8"	8 5/8"
BL-BHM200-NO	2" Normally Open	2"	230	5.3-95	117.65	0.51 0	NPT Female Threaded	0"	0"	8 5/8"	8 5/8"
BL-BHM300	3" Normally Closed	3"	230	14-220	48.78	1.23 0	Flanged	0"	0"	11 1/2"	11 1/2"
BL-BHM300-NO	3" Normally Open	3"	230	14-220	48.78	1.23 0	Flanged	0"	0"	11 1/2"	11 1/2"
BL-BHM400	4" Normally Closed	4"	230	21-380	17.993	3.335 0	Flanged	0"	0"	14 1/8"	14 1/8"
BL-BHM400-NO	4" Normally Open	4"	230	21-380	17.993	3.335 0	Flanged	0"	0"	14 1/8"	14 1/8"
<b>BFM Series – Brass Flow Meter with Integrated Flow Decoder, Body Material Copper Alloy with Polyester Coating</b>											
BL-BFM075	3/4"	0.75"	230	.2-11	666.67	0.09 0	NPT Male Threaded	0"	0"	11 1/4"	11 1/4"
BL-BFM100	1"	1"	230	.3-15.4	476.19	0.126 0	NPT Male Threaded	0"	0"	14 1/4"	14 1/4"
BL-BFM150	1.5"	1.5"	230	.9-44	135.14	0.444 0	NPT Male Threaded	0"	0"	17 1/4"	17 1/4"
<b>BFS Series – Brass Flow Sensor with Integrated Flow Decoder, Body Material Lead free Bronze Alloy C89833 Federalloy® I-836</b>											
BL-BFS150	1.5"	1.5"	250	3-90	78.74	0.762 0.126	NPT Female Threaded	15"	7.5"	5"	26" approx.
<b>PFS Series – PVC Flow Sensor with Integrated Flow Decoder, Body Material PVC</b>											
BL-PFS100	1"	1"	240	.86-52	192	0.322 .200	Slip	10"	4"	5.6"	18" approx.
BL-PFS150	1.5"	1.5"	240	1.8-108	92.3	0.65 0.75	Slip	15"	7.5"	6.2"	27" approx.
BL-PFS200	2"	2"	240	2.8-170	59.2	1.192 0.940	Slip	20"	10"	7"	35" approx.
BL-PFS300	3"	3"	150	6-300	21.9	2.75 1.58	Saddle Mount	30"	15"	5"	52" approx.
BL-PFS400	4"	4"	150	10-480	13.3	4.53 1.11	Saddle Mount	40"	20"	5"	67" approx.
BL-PFS600	6"	6"	150	45-1100	5.75	10.401 3.308	Saddle Mount	60"	30"	5"	97" approx.
<b>PFS Series – PVC Flow Sensor with Integrated Flow Decoder, Body Material PVC (Discontinued product, listed for reference only)</b>											
BL-PFS300 (Data Industrial)	3"	3"	240	20-300	7.26	8.309 0.227	Slip	30"	15"	9"	52" approx.
BL-PFS400 (Data Industrial)	4"	4"	240	40-500	4.37	13.74283 0.23707	Slip	40"	20"	10"	67" approx.