

MF710 series

Intelligent electromagnetic Flowmeter Converters

Performance Feature

Output: 4-20mA ,pulse/ frequency output(passive)
Accuracy: ±0.5%,±1%
Power supply: 220VAC/24VDC
Measure direction: forward/ reverse
Environmental condition: temp. -25°C-60°C, relative humidity 90%
Power-off protection: 10 years
Display: 7 numbers of instantaneous delivery,8 numbers of totalizer
Computed mode :4 keys
Volumes: 132*132*95mm
Installation type: compact



MF720 series

Intelligent electromagnetic Flowmeter Converters

Performance Feature

Output: 4-20ma ,pulse/frequency output(active)
Accuracy: ±0.5%,±1%
Power supply: 220VAC/24VDC
Measure direction: forward/ reverse
Environmental condition: temp. -25°C-60°C, relative humidity 90%
Power-off protection: 10 years
Display: 7 numbers of instantaneous delivery,8 numbers of totalizer
Communication: RS485 or HART protocol
Computed mode: 3 keys
Volumes: 181.5*171*141mm
Installation type: compact



MF730 series

Intelligent electromagnetic Flowmeter Converters

Performance Feature

Output: 4-20mA ,pulse/frequency output(active)
Accuracy: ±0.25%,±0.5%
Power supply: 220VAC/24VDC
Measure direction: forward/ reverse
Environmental condition: temp. -25°C-60°C, relative humidity 90%
Power-off protection: 10 years
Display:7 numbers of instantaneous delivery,7 numbers of totalizer
Communication:RS485 or HART protocol
Computed mode:4 keys
Volumes:180*120*75mm
Installation type: remote

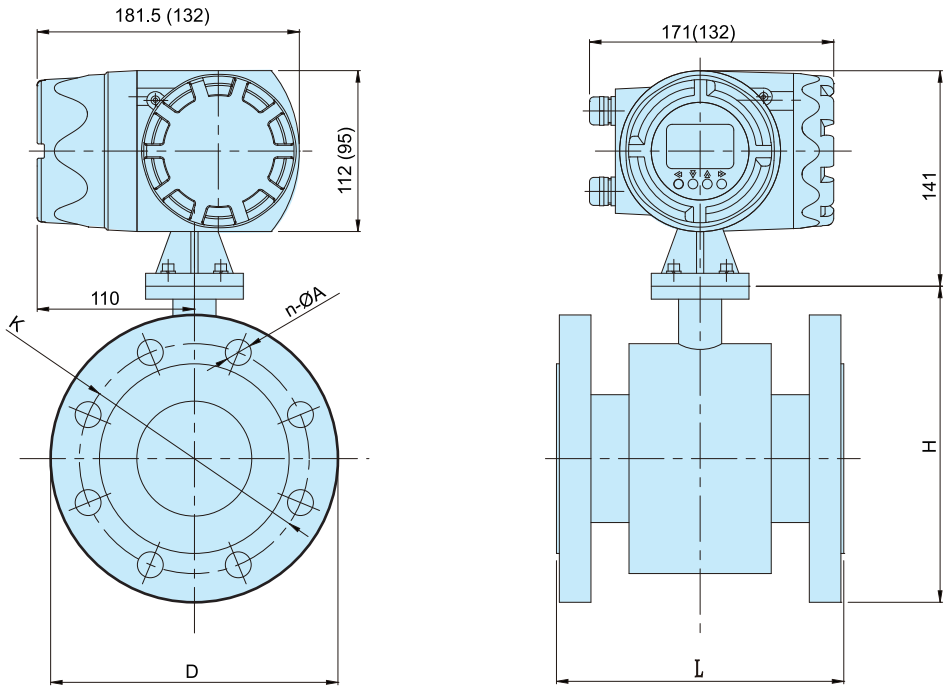


FA series
Intelligent Electromagnetic Flowmeter Sensors

Performance Feature

Diameter: DN10mm -DN2000mm
Electrode: 316L,Hc,Ti,Ta,Pt
Liner:Rubber, polyurethane,PTFE,PFA,F46
Medium: electric conductivity liquids
Medium conductivity :≥5 μ s/cm
Accuracy: ±0.5%RS- ±1.0%RS
Velocity of flow： 0.1m/s -10m/s
Working temperature:compact≤120C,remote≤150C(rubber≤80C)
Working pressure:0.6MPa-4.0MPa(base on diameter)
Protection class:IP65,IP67
Related converter type:MF710/MF720/MF730
Output:4-20mA/ frequency/pulse output signal
Power supply:220VAC/24VDC,battery
Installation type: compact,remote

FA external dimension(mm)



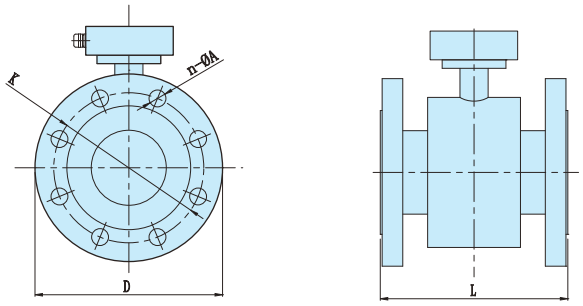
FA compact external dimension

FA series Electromagnetic Flowmeter Sensors

External dimension for compact and remote type

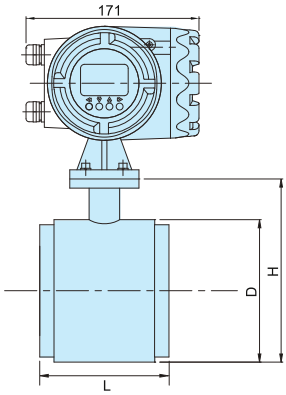
mm

DN mm	Working pressure MPa	L	D	K	n-øA	Compact Weight (kg)	Remote Weight (kg)
10	4. 0	150	90	60	4-ø14	6	4
15		150	95	65	4-ø14	6	4
20		150	105	75	4-ø14	8	6
25		150	115	85	4-ø14	9	7
32		150	140	100	4-ø18	11	12
40		150	150	110	4-ø18	13	14
50		200	165	125	4-ø18	15	15
65		200	185	145	8-ø18	16	18
80		200	200	160	8-ø18	19	20
100	1. 6	250	220	180	8-ø18	23	25
125		250	250	210	8-ø18	27	29
150		300	285	240	8-ø22	33	36
200	1. 0	350	340	295	8-ø22	51	49
250		400	395	350	12-ø22	70	70
300		500	445	400	12-ø22	102	100
350		500	505	460	16-ø22	123	121
400		600	565	515	16-ø26	147	145
450		600	615	565	20-ø26	212	207
500		600	670	620	20-ø26	229	210
600		600	780	725	20-ø30	252	250
700		700	895	840	24-ø30	352	350
800		800	1015	950	24-ø33	462	460
900		900	1115	1050	28-ø33	558	550
1000	0. 6	1000	1175	1120	28-ø30	690	680
1200		1200	1405	1340	32-ø33	785	780
1400		1400	1630	1560	36-ø36	1258	1250
1600		1600	1830	1760	40xø36		1550
1800		1800	2045	1970	44xø39		2080
2000		2000	2265	2180	48xø42		2600



FA remote external dimension





JA series

Electromagnetic Flowmeter Sensors (Clamp type)

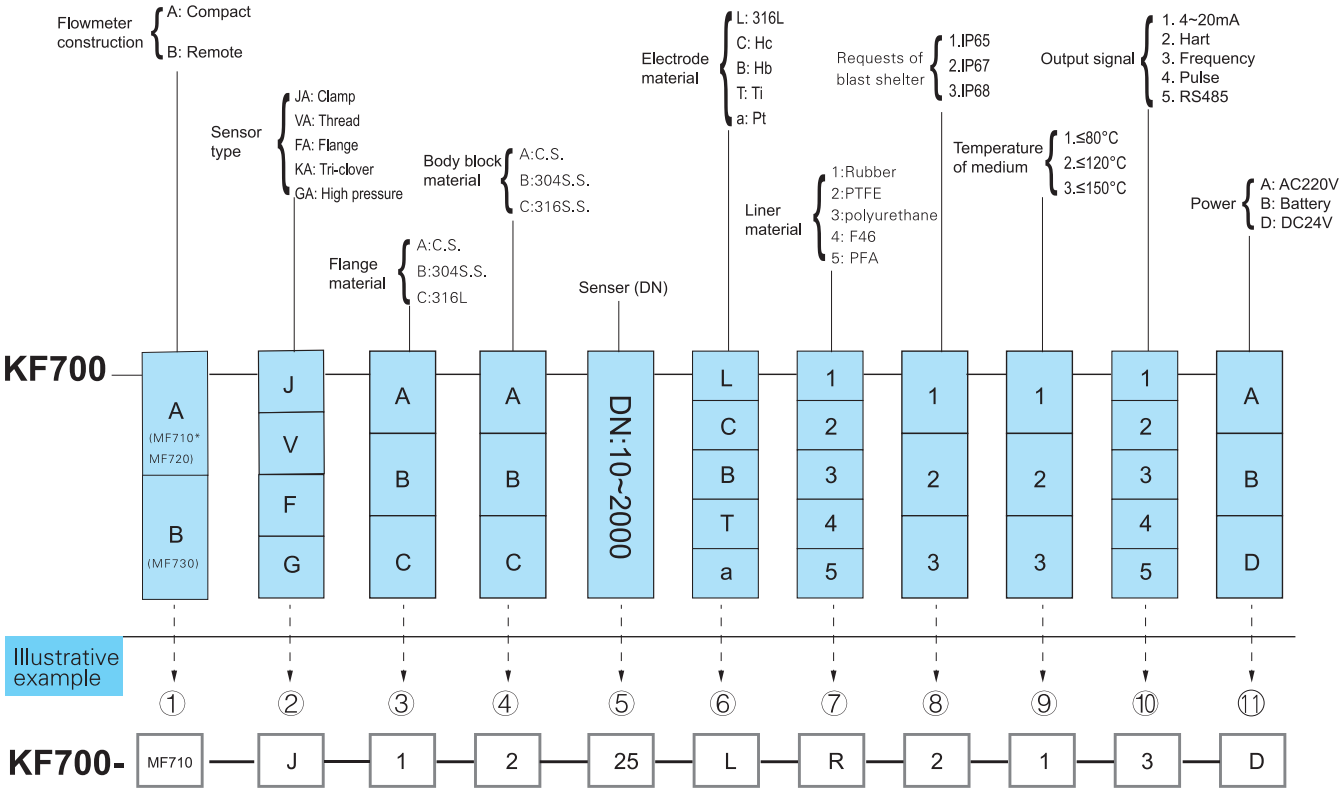
Performance Feature

Diameter: DN10mm-DN150mm
Electrode: 316L,Hc,Ti,Ta,Pt
Liner: PTFE,PFA
Medium: electric conductivity liquids
Medium conductivity : ≥5 μ s/cm
Accuracy: ±0.25%RS,±0.5%RS,±1.0%RS
Velocity of flow: 0.1m/s-10m/s
Working temperature:-25°C~150°C
Working pressure:0.6MPa-1.6MPa(base on diameter)
Output:4-20mA/ frequency/pulse output signal
Power supply:220VAC/24VDC,battery
Installation type: compact, remote

Sizes

DN(mm)	L	D	H
25	90	72	112
32	90	82	122
40	90	92	132
50	125	108	148
65	125	128	168
80	130	142	182
100	160	162	202
125	170	192	232
150	185	219	259

How to order



* Transmitter of MF710 series' pulse is passive。

Flow Range Chart by Pipe Size

DN (mm)	Flow Range Selection (m^3/h)
10	0.16, 0.2, 0.25, 0.3, 0.4,0.5,0.6,0.8,1.0,1.2,1.6,2.0,2.5
15	0.4,0.5,0.6,0.8,1.0,1.2,1.6,2.0,2.5,3.0,4.0,5.0,6.0
20	0.6,0.8,1.0,1.2,1.6,2.0,2.5,3.0,4.0,5.0,6.0,8.0,10.0
25	1.0,1.2,1.6,2.0,2.5,3.0,4.0,5.0,6.0,8.0,10.0,12.0,14.0,16.0
32	1.6,2.0,2.5,3.0,4.0,5.0,6.0,8.0,10.0,12.16,20,25
40	2.5, 3.0, 4.0, 5.0, 6.0, 8.0,10.0,12,16,20,25,30,40
50	4.0, 5.0, 6.0, 8.0, 10, 12,16,20,25,30,40,50,60,70
65	6.0,8.0,10,12,16,20,25,30,40,50,60,80,100,120
80	10,12,16,20,25,30,40,50,60,80,100,120,160
100	16,20,25,30,40,50,60,80,100,120,160,200,250
125	25,30,40,50,60,80,100,120,160,200,250,300,400
150	40,50,60,80,100,120,160,200,250,300,400,500,600
200	60,80,100,120,160,200,250,300,400,500,600,800,1000
250	100,120,160,200,250,300,400,500,600,800,1000,1200,1600
300	160,200,250,300,400,500,600,800,1000,1200,1600,2000,2500
350	200,250,300,400,500,600,800,1000,1200,1600,2000,2500,3000
400	250,300,400,500,600,800,1000,1200,1600,2000,2500,3000,4000
450	300,400,500,600,800,1000,1200,1600,2000,2500,3000,4000,5000
500	400,500,600,800,1000,1200,1600,2000,2500,3000,4000,5000,6000
600	600,800,1000,1200,1600,2000,2500,3000,4000,5000,6000,10000
700	800,1000,1200,1600,2000,2500,3000,4000,5000,6000,10000,12000
800	1000,1200,1600,2000,2500,3000,4000,5000,6000,10000,12000,16000
900	1200,1600,2000,2500,3000,4000,5000,6000,8000,10000,12000,16000, 18000
1000	1600,2000,2500,3000,4000,5000,6000,10000,12000,16000,20000
1200	2500,3000,4000,5000,6000,8000,10000,12000,16000,20000,25000,30000
1400	3000,4000,5000,6000,8000,10000,12000,16000,20000,25000,30000,40000
1600	4000,5000,6000,800,10000,12000,16000,20000,25000,30000,40000,50000,60000
1800	5000,6000,800,10000,12000,16000,20000,25000,30000,40000,50000,60000
2000	6000,800,10000,12000,16000,20000,25000,30000,40000,50000,60000,80000,100000