A

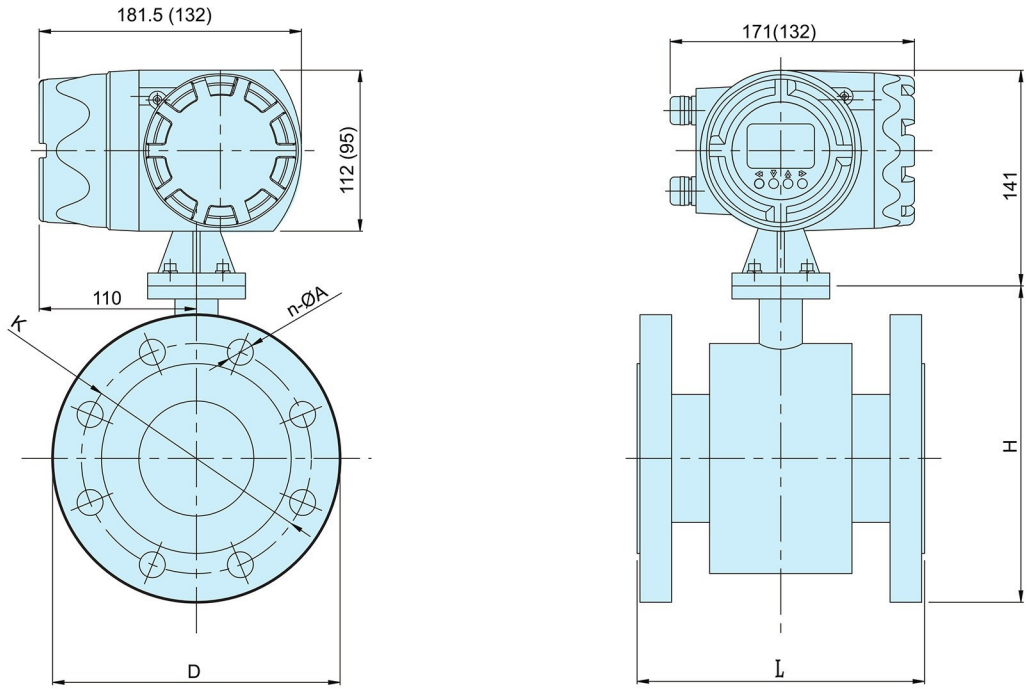


Performance Feature

Diameter: DN10-DN2000
Electrode: 316L,Hc,Ti,Ta,Pt
Liner:Rubber, polyurethane,PTFE,PFA,F46
Medium: conductivity liquids
Medium conductivity :≥5μ s/cm
Accuracy: ±0.5%RS- ±1.0%RS
Velocity of flow： 0.1m/s -10m/s
Working temperature:compact≤100°C,remote≤150°C(rubber≤65°C)
Working pressure:0.6MPa-4.0MPa(base on diameter)
Protection class:IP65,IP67
Related converter type: KF710/KF20/KF730
Output:4-20mA/ frequency/pulse output signal
Power supply 85~265VAC (50HZ or 60HZ) 50/60Hz /24VDC,battery
Installation type: compact,remote

KF external dimensions

Unit (mm)



KF compact external dimensions

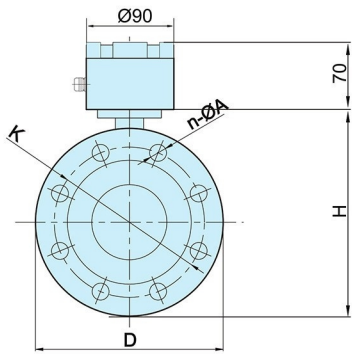
External dimensions for compact and remote type

Unit (mm)

DN mm	Working pressure MPa	L	D	K	n-øA	H	Compact Weight (KG)	Remote Weight (KG)
10	4. 0	150	90	60	4-ø14	130	6	4
15		150	95	65	4-ø14	132. 5	6	4
20		150	105	75	4-ø14	137. 5	8	6
25		150	115	85	4-ø14	145	9	7
32		150	140	100	4-ø18	162. 5	11	12
40		150	150	110	4-ø18	172. 5	13	14
50		200	165	125	4-ø18	187. 5	15	15
65		200	185	145	8-ø18	202. 5	16	18
80		200	200	160	8-ø18	220	19	20
100	1. 6	250	220	180	8-ø18	230	23	25
125		250	250	210	8-ø18	270	27	29
150		300	285	240	8-ø22	302. 5	33	36
200	1. 0	350	340	295	8-ø22	352. 5	51	49
250		400	395	350	12-ø22	407. 5	70	70
300		500	445	400	12-ø22	460	102	100
350		500	505	460	16-ø22	517. 5	123	121
400		600	565	515	16-ø26	572. 5	147	145
450		600	615	565	20-ø26	622. 5	212	207
500		600	670	620	20-ø26	675	229	210
600		600	780	725	20-ø30	745	252	250
700		700	895	840	24-ø30	892	352	350
800		800	1015	950	24-ø33	1002. 5	462	460
900		900	1115	1050	28-ø33	1102. 5	558	550
1000	0. 6	1000	1175	1120	28-ø30	1182. 5	690	680
1200		1200	1405	1340	32-ø33	1397. 5	785	780
1400		1400	1630	1560	36-ø36	1610	1258	1250
1600		1600	1830	1760	40xø36	1810		1550
1800		1800	2045	1970	44xø39	2017. 5		2080
2000		2000	2265	2180	48xø42	2227. 5		2600



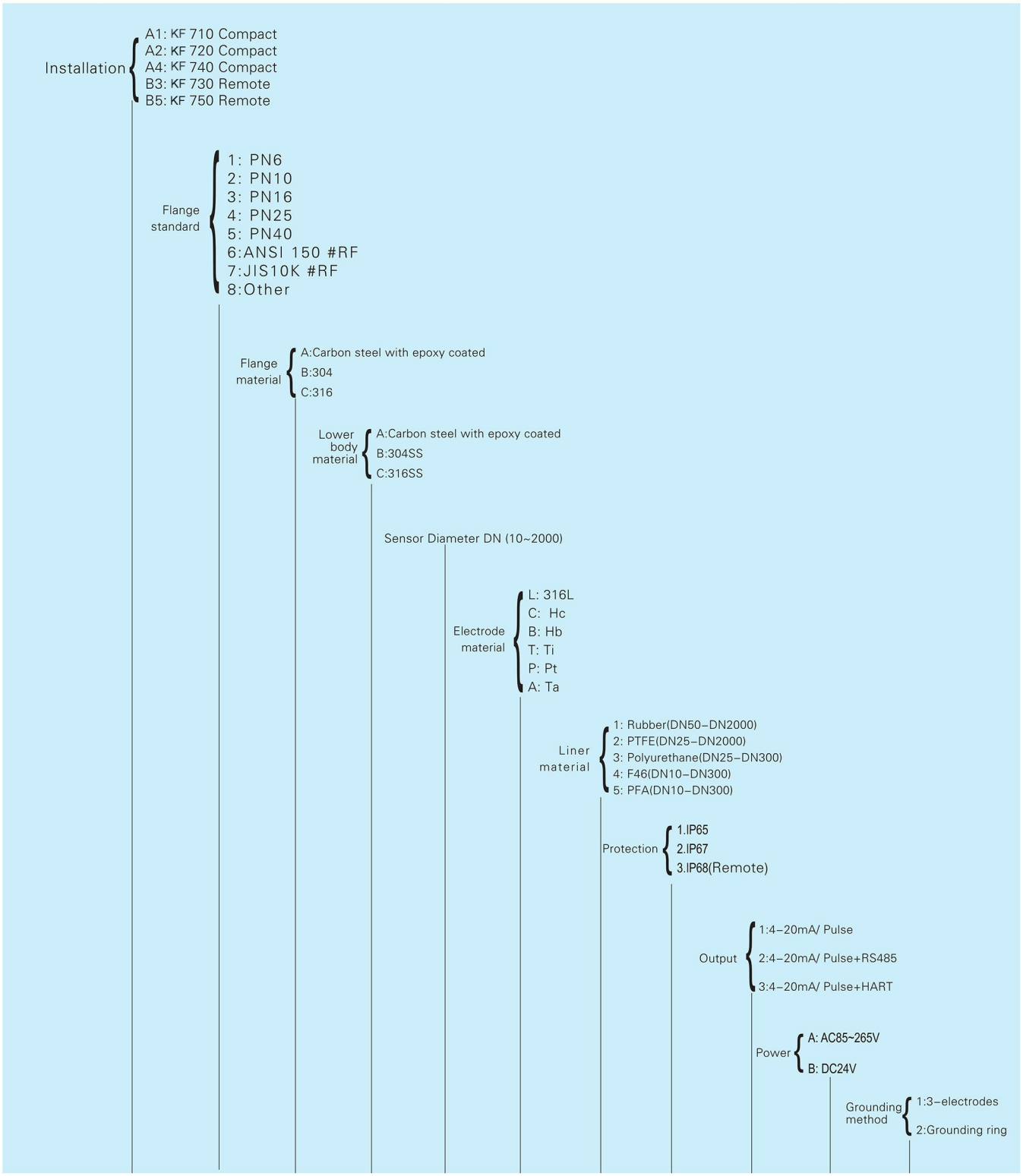
KF remote external dimensions



Specification is subject to change without prior notice

A

KF700–KF How to order



Illustrative example

	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪
KF700-KF	A1	2	A	A	25	L	3	2	1	A	1

* Note: MF720. M730 is optional of RS485 or HART protocol MF730, MF750 protection class is optional of IP68, normal standard is IP65 or IP67
* Remark: For remote type, please specify the cable length.

Specification is subject to change without prior notice

Flow Range Chart by Pipe Size

DN (mm)	MIN m^3/h	Flow Range Selection (m^3/h)
10	0.08	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	0.2	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	0.3	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	0.5	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	0.8	1.6,2.0,2.5,3.0,4.0,5.0,6.0,8.0,10.0,12.16,20,25
40	1.2	2.5, 3.0, 4.0, 5.0, 6.0, 8.0,10.0,12,16,20,25,30,40
50	2	4.0, 5.0, 6.0, 8.0, 10, 12,16,20,25,30,40,50,60,70
65	3.5	6.0,8.0,10,12,16,20,25,30,40,50,60,80,100,120
80	5	10,12,16,20,25,30,40,50,60,80,100,120,160
100	8	16,20,25,30,40,50,60,80,100,120,160,200,250
125	12	25,30,40,50,60,80,100,120,160,200,250,300,400
150	18	40,50,60,80,100,120,160,200,250,300,400,500,600
200	30	60,80,100,120,160,200,250,300,400,500,600,800,1000
250	50	100,120,160,200,250,300,400,500,600,800,1000,1200,1600
300	70	160,200,250,300,400,500,600,800,1000,1200,1600,2000,2500
350	100	200,250,300,400,500,600,800,1000,1200,1600,2000,2500,3000
400	120	250,300,400,500,600,800,1000,1200,1600,2000,2500,3000,4000
450	160	300,400,500,600,800,1000,1200,1600,2000,2500,3000,4000,5000
500	200	400,500,600,800,1000,1200,1600,2000,2500,3000,4000,5000,6000
600	300	600,800,1000,1200,1600,2000,2500,3000,4000,5000,6000,10000
700	400	800,1000,1200,1600,2000,2500,3000,4000,5000,6000,10000,12000
800	500	1000,1200,1600,2000,2500,3000,4000,5000,6000,10000,12000,16000
900	650	1200,1600,2000,2500,3000,4000,5000,6000,8000,10000,12000,16000, 18000
1000	800	1600,2000,2500,3000,4000,5000,6000,10000,12000,16000,20000
1200	1200	2500,3000,4000,5000,6000,8000,10000,12000,16000,20000,25000,30000
1400	1500	3000,4000,5000,6000,8000,10000,12000,16000,20000,25000,30000,40000
1600	2000	4000,5000,6000,800,10000,12000,16000,20000,25000,30000,40000,50000,60000
1800	2500	5000,6000,800,10000,12000,16000,20000,25000,30000,40000,50000,60000
2000	3000	6000,800,10000,12000,16000,20000,25000,30000,40000,50000,60000,80000,100000

Note: The blue color show the best accuracy can be obtain in specity flowrate