

B

1. Converters

KF510 series is as a speed flow metering, used to measure the full closure of pipeline and continuous flow of volume liquid. It is good for low viscosity liquids that can with high accuracy of instant and totalizer flow.



Performance Feature

Item	Flow Convertor
Model	KF510
Accuracy	±1%FS, ±1.5%FS
Repeatability	±0.5%
Temperature	-20~ +65°C
External dimension	100x100mm
Installation method	Panel mount, compact type(DN10~DN50)
Power supply optional	DC24V, battery power
Output signal	4~20mA, Passive pulse
Communication optional	RS485
Alarm optional	High limit, low limit, totalizer (Batch controller)
Protection class	IP65
Consumption	2W



Item	Paddlewheel flow sensor
Velocity range	0.3~6m/s
Diameter	DN10-DN50 (with PVDF triplet) DN65-500(insert type)
Wetted material	Sensor: PVDF Impeller: PVDF Shaft lever: ceramics
Seal ring	Viton, EPDM
Working temperature	PVDF: -20~ +140°C
Max working pressure	1.0MPa, 0.8MPa

2. Measuring range

DN (mm)	Measuring range (m ³ /h)	Pressure (MPa)	Medium temperature (°C)
10	0.1~1.8	≤1.0	≤80°C
15	0.2~4		
20	0.3~6		
25	0.5~12	≤0.8	
32	1.5~18		
40	2~24		
50	4~40		
65	6~60		
80	10~100		
100	15~150		
125	20~200		
150	30~300		
200	50~500		
250	75~1000		
300	100~1250		
350	150~1800		
400	200~2500		
450	250~3000		
500	300~3500		



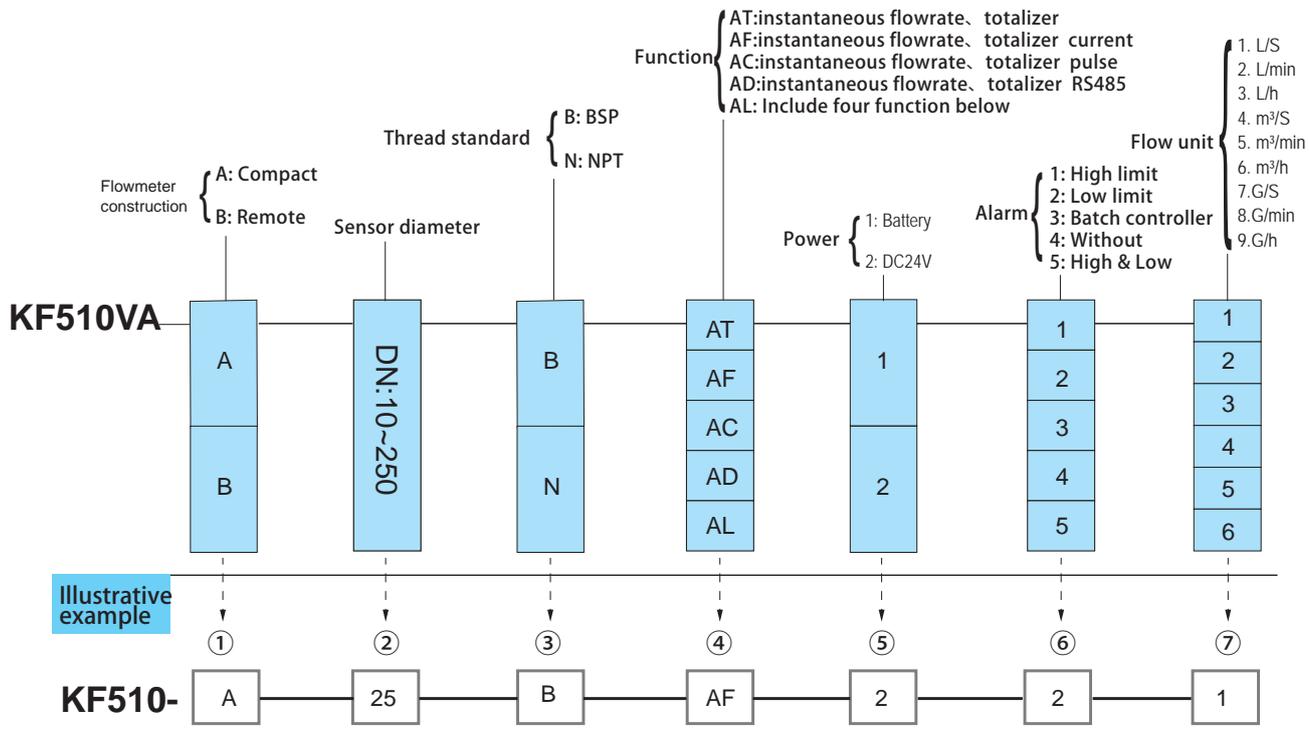
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3. VA thread type

DN (mm)	Male	Medium temp. (°C)	A mm	B mm
10	BSP 3/8"	≤80°C	152	121
15	BSP 1/2"		152	130
20	BSP 3/4"		158	134
25	BSP 1"		158	141
40	BSP 1½"		168	175
50	BSP 2"		184	175



KF510 How to order



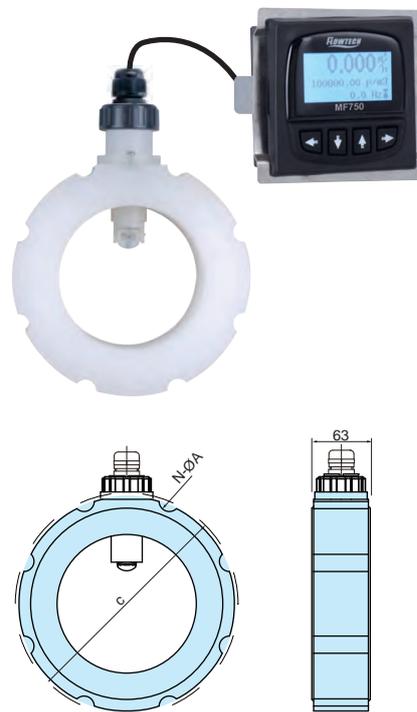
* Note : Battery type without output signal.
 Selection of connection, please specify the standard.

KF510 Series

Paddlewheel Flowmeters

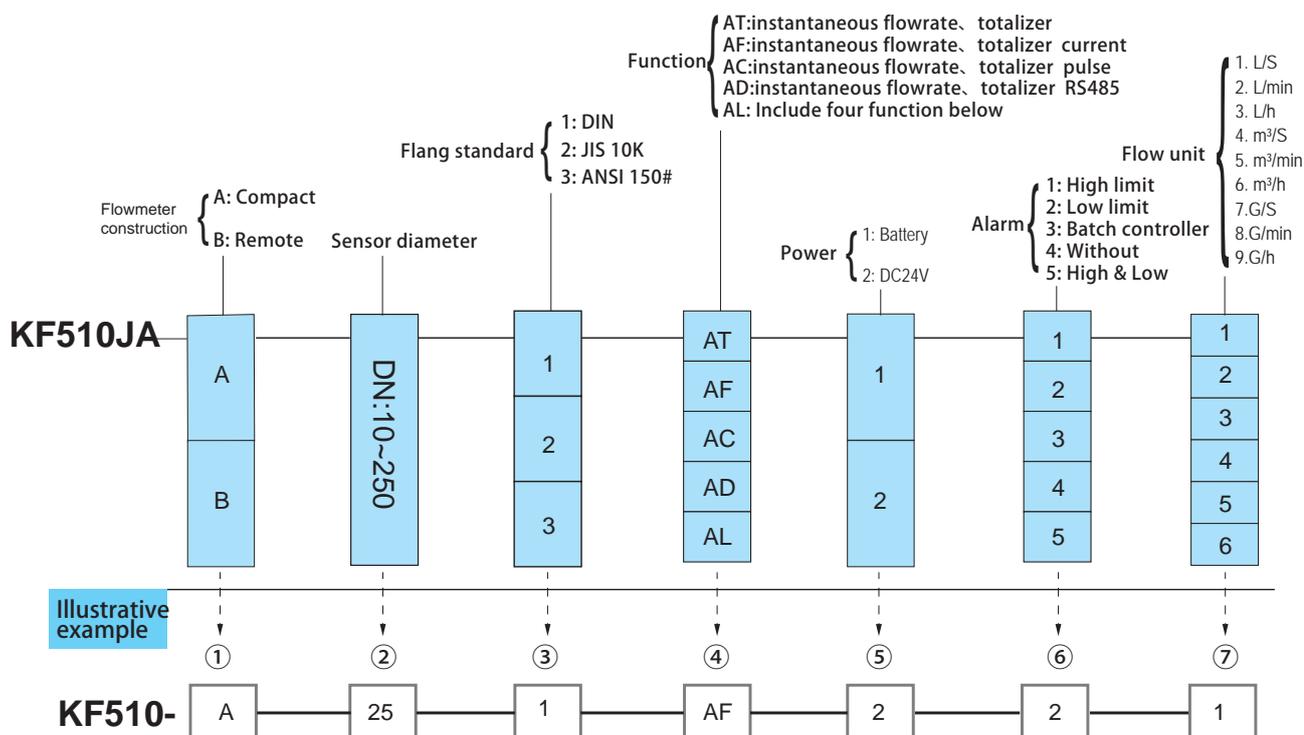
4. JA wafer type

DN (mm)	C	N-ØA	Pressure (MPa)	Medium temp. (°C)
32	100	4-Ø18	≤0.8	≤80°C
40	110	4-Ø18		
50	125	8-Ø18		
65	145	8-Ø18		
80	160	8-Ø18		
100	180	8-Ø18		
125	210	8-Ø18		
150	240	8-Ø22		
200	295	8-Ø22		
250	350	12-Ø22		



KF510

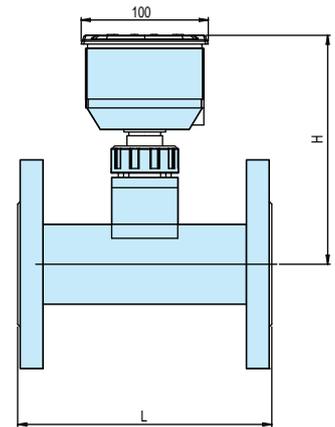
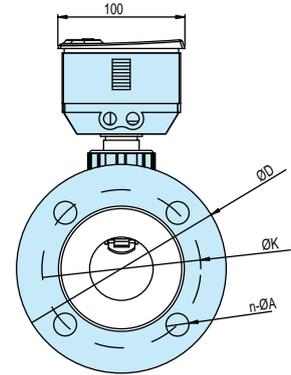
How to order



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5、FA Flange type

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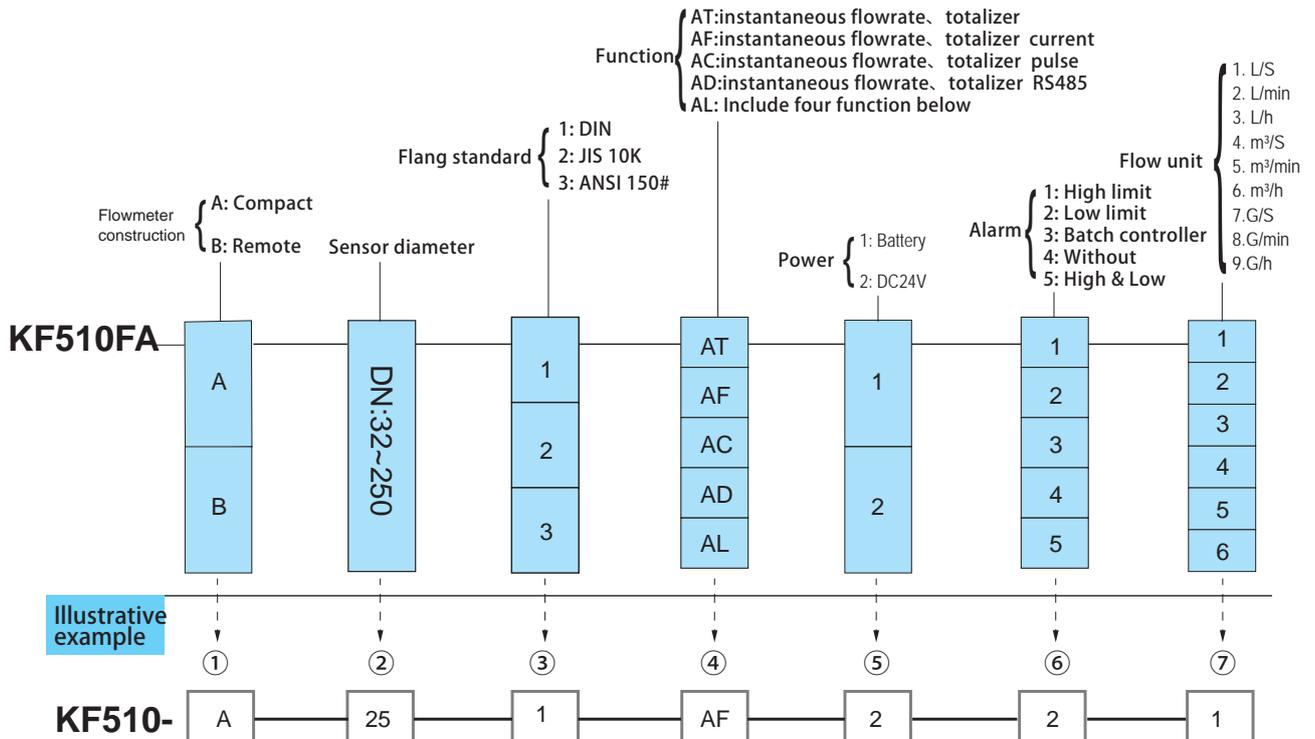
External dimensions

Unit: mm

DN	Pressure MPa	L	D	K	n-ØA	H
32	1¼"	200	140	100	4-Ø18	187
40	1½"	200	150	110	4-Ø18	192
50	2"	200	165	125	4-Ø18	198.5
65	2½"	200	185	145	8-Ø18	205
80	3"	200	200	160	8-Ø18	212
100	4"	250	220	180	8-Ø18	222
125	5"	250	250	210	8-Ø18	233
150	6"	300	285	240	8-Ø22	247
200	8"	350	340	295	8-Ø22	267
250	10"	400	395	350	12-Ø22	287

KF510

How to order

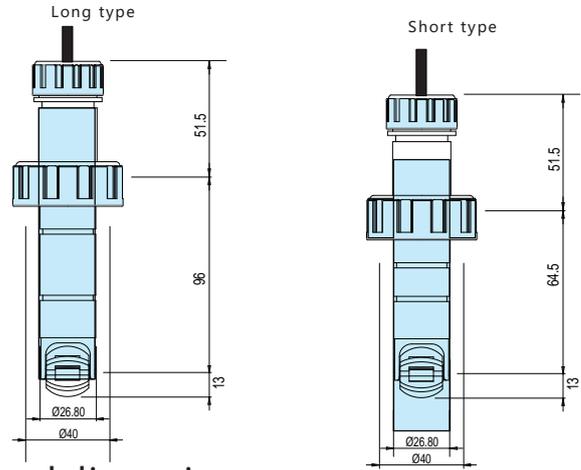


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KF510 Series

Paddlewheel Flowmeters

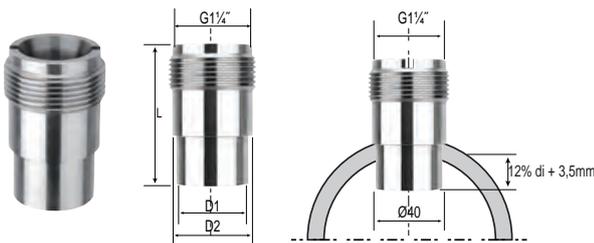
6、IT Insertion Type



External dimensions

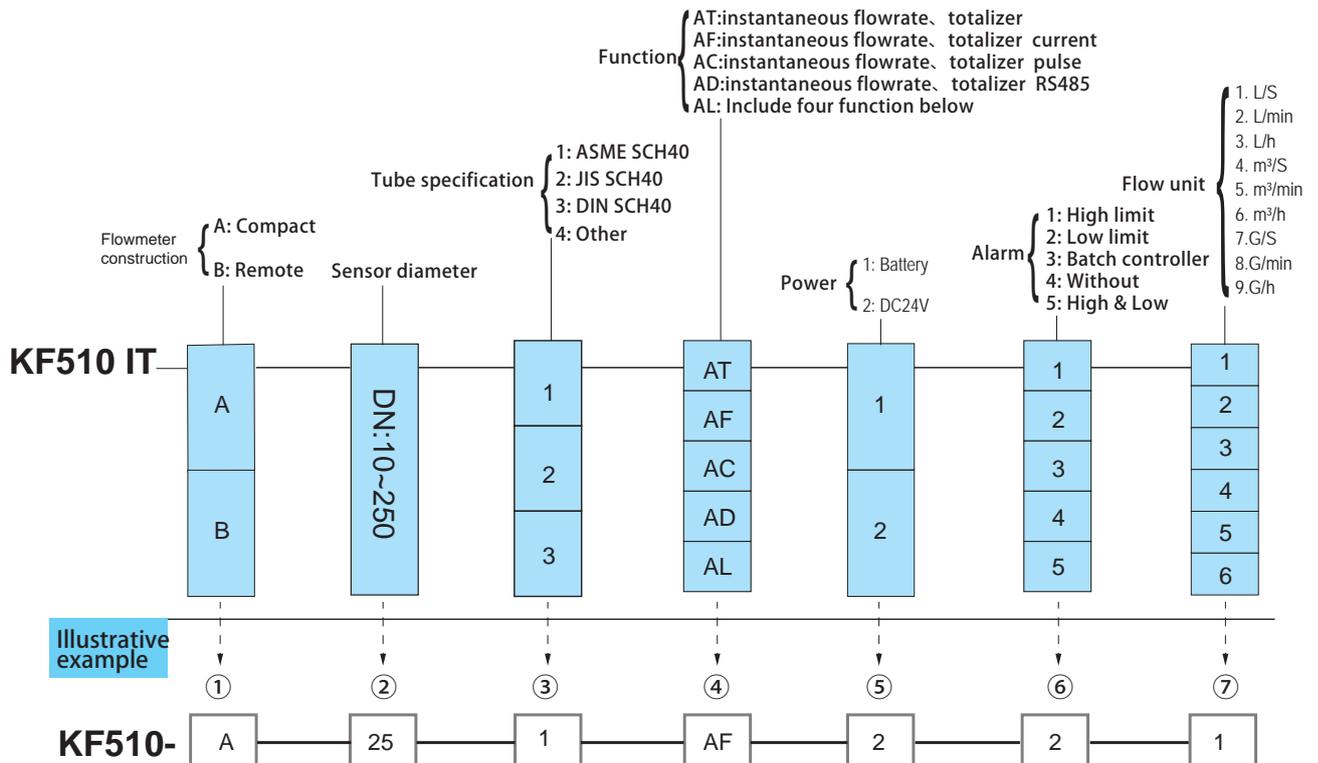
DN	d	L	D1	D2
50	63	68.5	40	50
65	75	68.5	40	50
80	90	68.5	40	50
110	125	100	40	50
125	140	100	40	50
150	160	100	40	50
200	225	100	40	50
250	280	100	40	50
300	315	100	40	50
350	370	100	40	50
400	420	100	40	50
450	470	100	40	50
500	520	100	40	50

PVC Pipeline installation



KF510

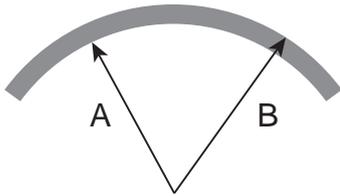
How to order



* Note : Battery type without output signal.
Please advise connection standard when purchase order.

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7. SS saddle type



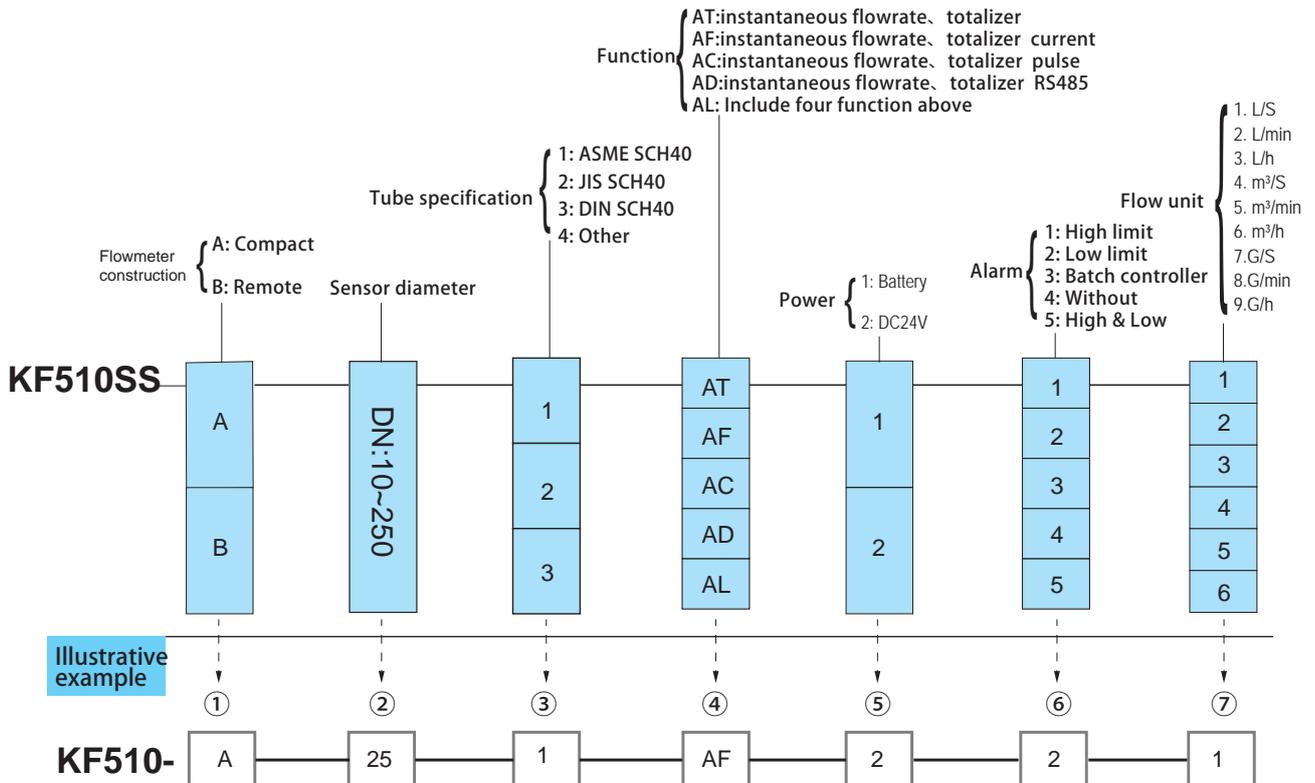
External dimensions

Unit : mm

D N	A	B	Pressure (MPa)
50	60.3	90	≤0.8
65	73	105	
80	89	120	
100	114	144	
125	140	170	
150	168	180	
200	219	250	
250	273	310	

KF510SS

How to order



* Note : Battery type without output signal.
Selection of connection, please specify the standard.

KF510 Series

Paddlewheel Flowmeters

8、 KP glue type

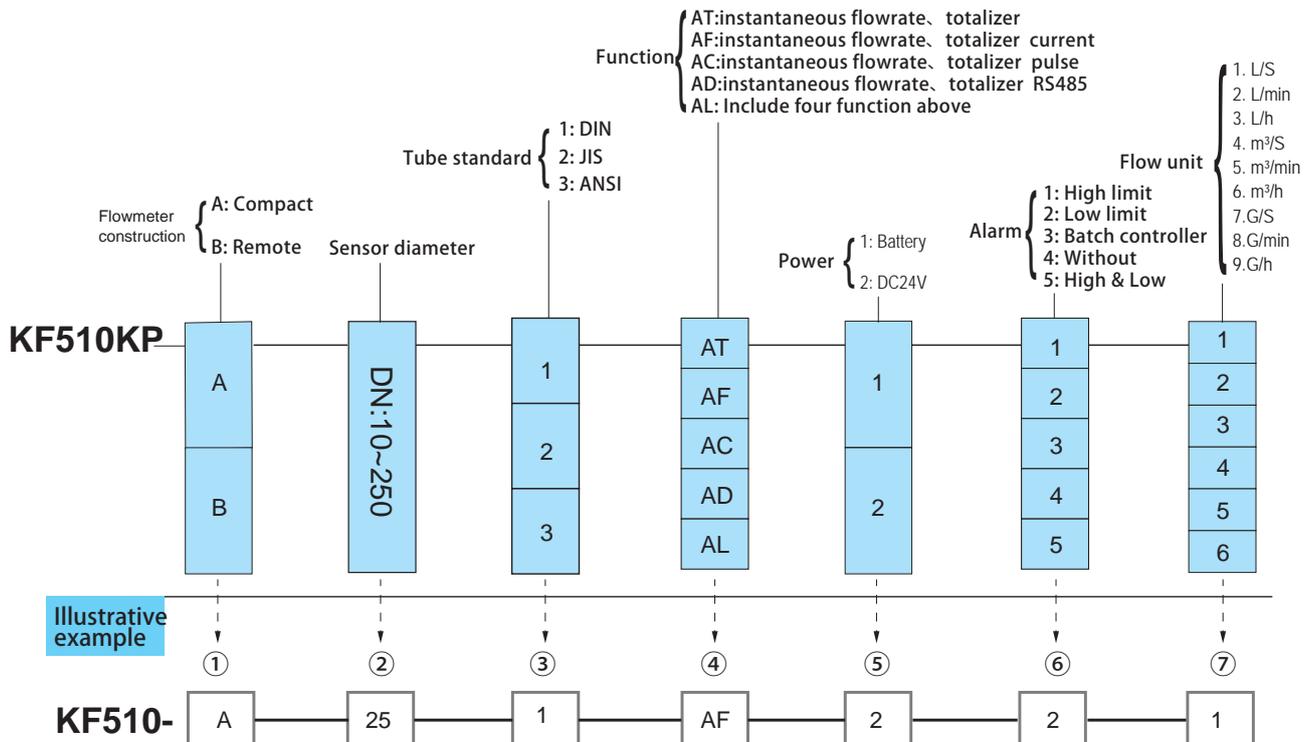


External dimensions

External dimensions			Unit: mm
DN	Max Pressure MPa	L	Gule (id)
10	0.8	120	20
15		130	20
20		142	20
25		142	22
40		175	40
50		175	63

KF510SS

How to order



* Note : Battery type without output signal.
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