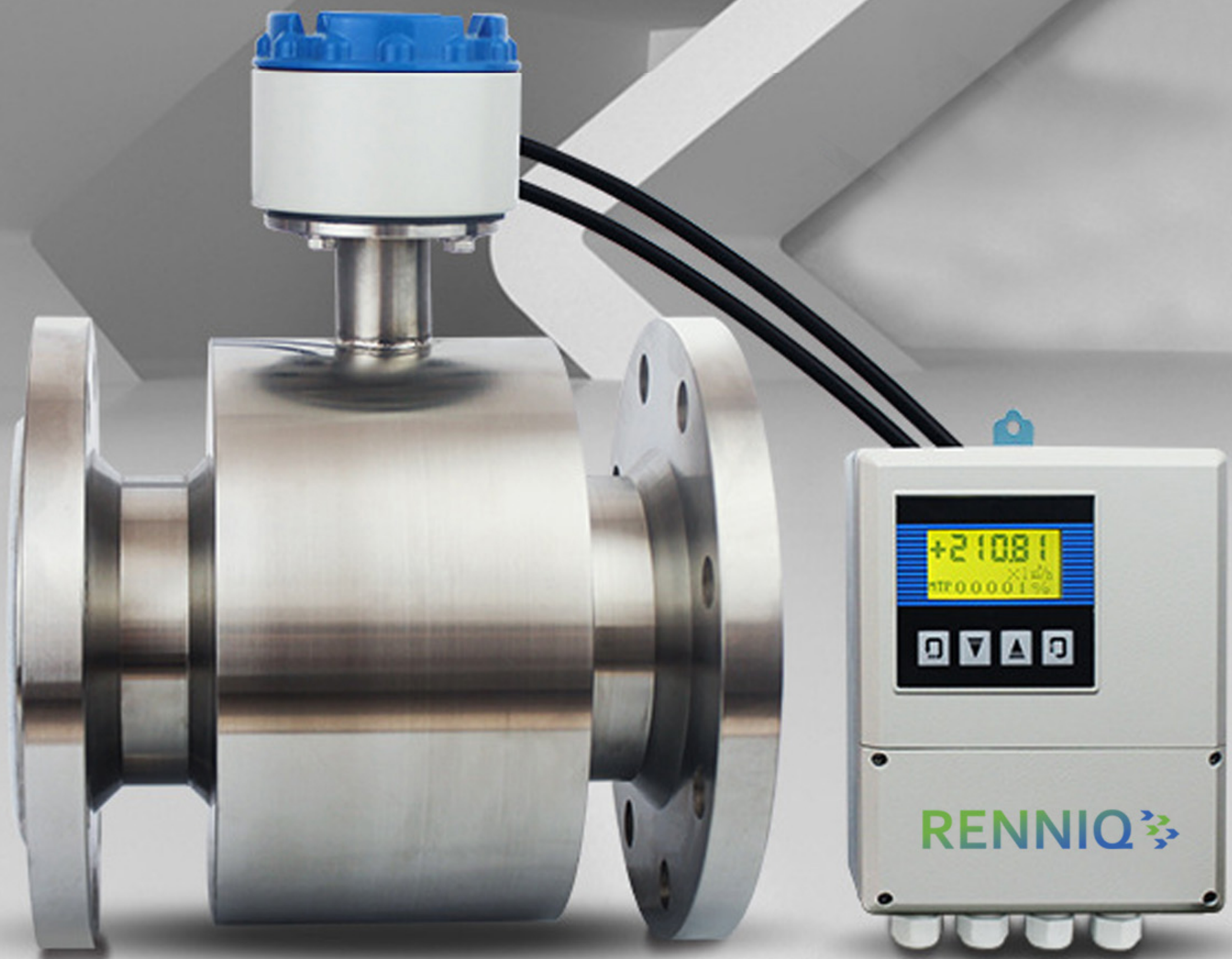


FWRS-F-DN-RS485 SERIES

RENNIQ

Split Magnetic Flow meter



Carbon steel material (Customizable stainless steel type)

Corrosion resistant

Microprocessor

Fast operation speed

Good stability

Data display

RENNIQ

Multiple data displays

ATC alarm

+210.00

FQL

$\times 1\text{m}^3/\text{h}$

$\Sigma + 0000001315\text{m}^3$

Instantaneous flow

Cumulative flow



Instantaneous flow unit: m^3/h , kg/h , L/min , L/h , kg/h

Cumulative flow unit: m^3 , L , kg

Mud pump



Tap water
Domestic
water



Rural
domestic
sewage



Chemical plant
acid-base



FLOW RANGE [Pipe diameter selection]

Diameter (mm)	Flow range(m ³ /h)		
	Lower limit flow range (m ³ /h)	Recommend flow range (m ³ /h)	Upper flow range (m ³ /h)
DN10	0.028~1.414	0.14~1.4	1.4~2.8
DN15	0.06~0.3	0.3~3.0	3.0~6.0
DN20	0.114~0.57	0.57~5.7	5.7~11.4
DN25	0.176~0.9	0.9~9.0	9.0~18
DN32	0.29~1.5	1.5~15	15~30
DN40	0.45~2.2	2.2~22	22~44
DN50	0.707~3.5	3.5~35	35~70
DN65	1.195~6	6~60	60~120
DN80	1.81~9	9~90	90~180
DN100	2.83~14	14~140	140~280
DN125	4.42~22	22~220	220~440
DN150	6.36~32	32~320	320~640
DN200	11.3~57	57~570	570~1140
DN250	17.7~88.5	88.5~850	850~1700
DN300	25.45~127.8	127.8~1278	1278~2556
DN350	34.6~173	173~1730	1730~3460
DN400	45.2~226	226~2260	2260~4520
DN450	57.3~287	287~2870	2870~5740
DN500	70.7~354	354~3540	3540~7080
DN600	102~510	510~5100	5100~10200
DN700	139~695	695~6950	6950~13900
DN800	181~905	905~9050	9050~18100
DN900	229~1145	1145~11450	11450~22900
DN1000	283~1415	1415~14150	14150~28300
DN1200	407~2035	2035~20350	20350~40700
DN1400	554~2770	2770~27700	27700~55400
DN1600	723~3615	3615~36150	36150~72300



RENNIQ

FWRS-F-DN-RS485 SERIES

PRODUCT PARAMETER

Basic Parameter

Nominal diameter(mm)	Pipe PTFE lining: DN10~DN600 Pipeline rubber lining: DN40~DN2000
Flow direction	Forward and reverse flow
Repeatability error	Measured value $\pm 0.1\%$
Precision level	$\pm 0.5\%, \pm 1.0\%$
The temperature of the measured medium	Conventional rubber lining: $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$ High-temperature rubber lining: $-20^{\circ}\text{C} \sim +90^{\circ}\text{C}$ PTFE lining: $-20^{\circ}\text{C} \sim +120^{\circ}\text{C}$ High PTFE lining: $-20^{\circ}\text{C} \sim +180^{\circ}\text{C}$
Rated working pressure (high pressure can be customized)	DN10~DN25 $\leq 4.0\text{MPa}$ DN32~DN150 $\leq 1.6\text{MPa}$ DN200~DN600 $\leq 1.0\text{MPa}$ DN700~DN2000 $\leq 0.6\text{MPa}$
Velocity range	0.3~15m/s
Conductivity range	$\geq 5\mu\text{S/cm}$
Signal output	4 ~ 20 mA(0 ~ 750 Ω load resistance), pulse, control level
The communication output	RS485(Modbus-RTU), HART protocol, Profibus protocol
Power supply	AC220V; DC24V; DC12V; Battery
The length of the straight pipe is required	Upstream $\geq 5\text{DN}$, downstream $\geq 2\text{DN}$
Connection mode	Flange connection, Threaded connection, Sanitary clamp connection
Protection grade	IP65, It can be customized IP68
The environment temperature	$-25^{\circ}\text{C} \sim 60^{\circ}\text{C}$
Power consumption	$\leq 20\text{W}$

Lining Parameter

Lining material	Main Performance	Applications
PTFE	1. The most steady material in plastics which is resistible to boiling hydrochloric acid, as well as strong alkali and organic, impregnates. 2. Not be perfect in abrasion resistance.	Strong corrosive mediums such as strong acid and alkali
PFA	Having the same abrasion resistance with PTFE. Having a strong ability to load pressure resistance.	Applicable in state of load pressure
F46	1. Have the same abrasion resistance with PTFE. 2. Resistible for low abrasion. 3. Having strong resistance to load pressure.	1.The same as PTFE.2.Applicable in mediums of low abrasion.
Neoprene	1. Be of good elasticity, retractility, and abrasion resistance. 2. Be resistant to low acid, alkali, and salt but not for oxidation mediums.	Water, sewage and slurry, mineral serosity of low abrasion.
Polyurethane	1. Be of good abrasion resistibility. 2. Not be perfect in acid/alkali resistance. 3. It can't be used for water mixed with organic Impregnants.	Applicable in mineral serosity, slurry and coal slurry of high abrasion.

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