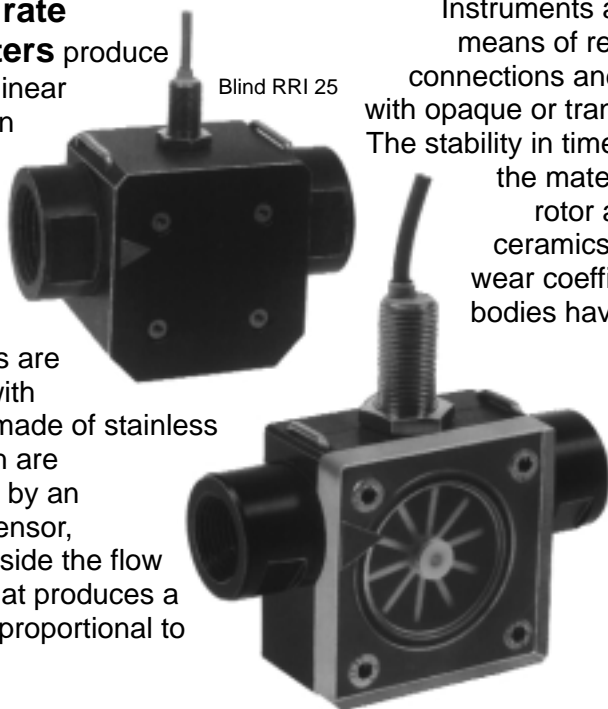


RR Flow rate transmitters

produce a signal in linear frequency in respect to the flow. Referring to what previous stated, the rotor blades are equipped with segments made of stainless steel, which are intercepted by an inductive sensor, housed outside the flow chamber that produces a pulse train proportional to the flow.



Blind RRI 25

Instruments are installed by means of revolving female connections and are delivered with opaque or transparent cover. The stability in time is ensured by the material choice: the rotor axle is made of ceramics and has a low wear coefficient, the rotor bodies have a low friction coefficient.

The revolving connections allow the optimal positioning of instrument even after the installation is carried out.

Use / Characteristics

- ◆ Plastic execution.
- ◆ High resolution.
- ◆ Good linearity.
- ◆ Assembling possible in any position.
- ◆ Up to 10 cst can be used.
- ◆ No magnetic materials in the flow chamber.
- ◆ No linear segments of pipes are needed to stabilise the flow.

These instruments are mainly used in the installation field of industrial process control, in the batching plants, in the control of heating plants and of emulsions of machine tools.

Transp. RRI 10

Gas Thread"	Type	H mm	H ₁ mm	L mm	L ₁ mm	Kg
³ / ₈	RRI 10 PI	50	19	50	85	0,2
1	RRI 25 PI	70	24	70	110	0,5

Materials	RRI. P	Electrical characteristics
Body	POM	Power supply
Cover	Transp. POM/PC	Altern. residual
Connections	PVDF	Max. absorption
Rotor	PVDF	Max. outl. current
Segments	Stainl. St.1.4310	Outlet
Axle	Ceramics	
Axle seats	Iglidur	Outl. amplification
O-Ring	Viton	Frequency

Electrical diagram

Connections: female screwed

Gas thread	Type	Max. P. bar	Max. t. °C	Meas. Range l/min	Impulses litre	Recomm. Max. l/min	ΔP at Q max	Order n.	
								blind	transp.
³ / ₈	RRI 10 PI	16	60	0,1 - 1,5	10200	3	0,5	931500	931506
				0,2 - 10	3345	15	0,5	931501	931507
				0,4 - 14	1755	20	0,5	931502	931508
1	RRI 25 PI	16	60	2 - 30	1216	40	0,5	931503	931509
				3 - 60	607	80	0,5	931504	931510
				4 - 100	252	120	0,5	931505	931511

Precision ±3% of full scale; repeatability ±1%, max. viscosity ±10 cst. With a higher viscosity value both measurement ranges and precision will be changed.

SEE UPDATED PRICE LIST