

RR32 Flow rate transmitters use the same functioning principle of instruments of the series RR. The rotor is placed upstream the instrument body that, by means of a connection, can be positioned inside pipes from DN40 to DN100, allowing the

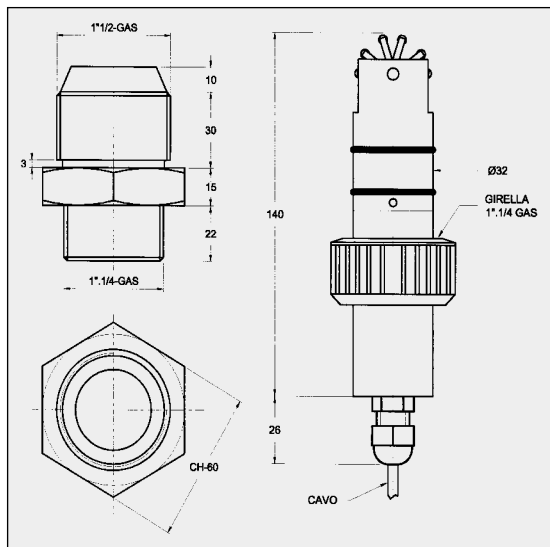


measurement of flow from 15 to 1000 l/min. For a better measurement it is recommended to install a straight pipe, at least 5 times longer than the diameter, before and after the instrument.

Use / Characteristics

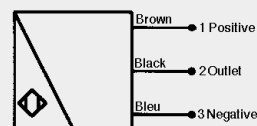
- ◆ Plastic and/or stainless steel manufacture.
- ◆ High resolution.
- ◆ Good linearity.
- ◆ Up to 10 cst can be used.
- ◆ No magnetic materials in the flow chamber.

These instruments are mainly used in the installation field of industrial process control, in the batching plants, in the control of heating plants, etc.



Materials	RR32.PV	RR32KV	Electrical characteristics	
Body	POM	1.4571	Power supply	5 - 30 V cc.
Rotor	PVDF	PVDF	Altern. residual	± 10%
Segments	1.4310	1.4310	Max. absorption	10 mA
Axle	Ceramics	Ceramics	Max. outl. current	200 mA
Axle seats	Iglidur	Iglidur	Outlet 4-29 V	square wave
O-Ring	Viton	Viton	Outl. amplification	PNP
			Frequency	10 ÷ 1000 Hz.

Electrical diagram



ND	Type bar	Max. P.	Max. t. °C	Measur. range l/min	Impulses litre	ΔP at max.Q bar	Tolerance % F.S.	Order n.
40	RR32 PV	10	60	15 - 300	54	0,06	3	830900
50				25 - 400	32	0,02	3	
65				40 - 500	18	0,02	3	
80				50 - 700	13	0,03	3	
100				65 - 1000	8,5	0,04	3	
40	RR32 KV	16	60	15 - 300	54	0,06	3	830901
50				25 - 400	32	0,02	3	
65				40 - 500	18	0,02	3	
80				50 - 700	13	0,03	3	
100				65 - 1000	8,5	0,04	3	
Raccordo di montaggio per RR32 PV								830920
Raccordo di montaggio per RR32 KV								830921

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Repeatability ±1%, max. viscosity ±10 cst.

With a higher viscosity value both measurement ranges and precision will change.