



GENERAL CHARACTERISTICS

The primary sensor is constituted by a turbine rotor that enters in rotation with the passage of fluid. The speed of rotation is proportional to the flow rate. The measure is detected by a sensor outside the flow chamber. There are versions with integrated electronics for display, alarm and signal repetition.

- Wide measuring ranges.
- High accuracy.
- No magnetic part in contact with the medium.
- IP67 protection.

TECHNICAL DATA

Tab.1

DN	Measuring ranges m³/h	Pulses liter	P max bar	Code	
15	1/2"	0,11 - 1,1	2900	250	001
20	3/4"	0,22 - 2,2	1700	250	002
		0,40 - 4,0	1100	250	004
20	3/4" •	0,80 - 8,0	400	250	008
25	1"	1,60 - 16,0	190	250	016
40	1 1/2"	3,40 - 34,0	60	250	034
50	2"	6,80 - 68,0	24	250	068

Process connections UNI 228/1 - Male **A**

		RT		
Sensor		Hall	Pre-polarized	
Power supply		10 ÷ 30	Vdc	
Current		20 mA	Without load	
Max. load		100 mA		
Accuracy		1 % F.S.	Pulses / liter ± 10%	
Output	N	NPN	On request	C
	P	PNP	4-20 mA	
Connection	S	M12x1	4 poles	
Medium temperature	°C	-25 / +85		
Ambient temperature	°C	-25 / +60		
Degree of protection		IP67		

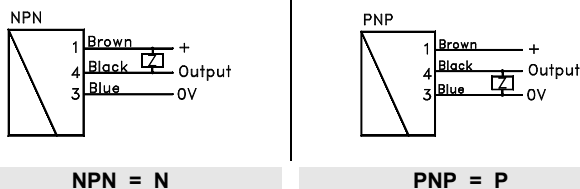
MATERIALS

Tab.2

		Code
Turbine	Stainless steel - 1.4571	-
Supports	Tungsten carbide	-
Ball bearings	Stainless steel	-
Body	Stainless steel - 1.4571	K

WIRING

Tab.3



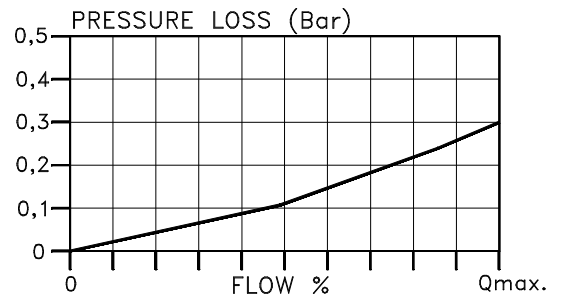
NOMENCLATURE

RT	020	A	K	004	N	S
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	•					
		•				
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K	PU	02	S	G	Connection cable 2m length with M12x1 plug	

-	Name - Type
Tab.1	Process connections - DN
Tab.1	Process connections - Thread
Tab.2	Body material
Tab.1	Measuring range
Tab.1	Output signal type
Tab.1-3	Electrical connection and wiring
	Accessory on request



PRESSURE LOSS



DIMENSIONS AND WEIGHTS

DN	H mm	L mm	X mm	Kg
1/2"	71	64	19	0,30
3/4"	74	64	19	0,40
3/4" •	74	83	22	0,40
1"	78	88	23	0,60
1 1/2"	84	114	28	1,40
2"	89	132	29	1,90

