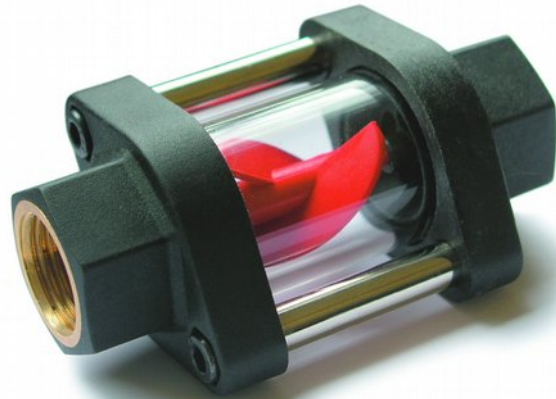


DG03

Turbine Flow Indicator

- applicable for liquids and gases
- robust plastic housing
- any flow direction
- turbine 360° visible
- bidirectional
- max. temperature 100 °C
- max. pressure 10 bar



Description:

The flow indicator DG03 are used for a reliable visualization of transparent liquids. An indicative red turbine wheel rotates inside a glass-tube proportional to the flow. In this way it provides an indication of the flow rate at present.

The devices have a 360° vision of the turbine. They are built for a long working life, thanks to the design of the turbine's bearings.

Typical applications:

The flow indicator DG03 are used for monitoring of liquids with low and medium viscosities in pipe systems.

Nominal diameters and flow rates:

Connection G	Qmax recom. l/min water	Start up turbine l/min		
		water	40 mm ² /s	41-150 mm ² /s
G 1/4	6	0,6	2,5	3,5
G 3/8	10	1,2	3	4
G 1/2	15	1,2	3	4
G 3/4	30	2,1	3,7	5
G 1	50	2,1	3,7	5

Model Code:

Order Number: **DG03. 10. 0**

Turbine flow indicator

Connection:

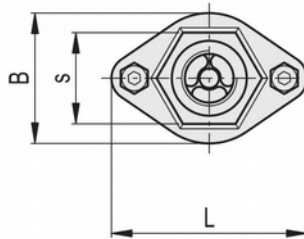
08 = G 1/4 female, design A
 10 = G 3/8 female, design A
 15 = G 1/2 female, design A
 20 = G 3/4 female, design B
 25 = G 1 female, design B

Special Features:

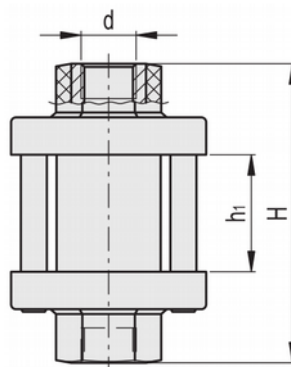
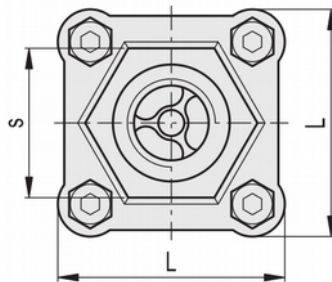
0 = without
 1 = please specify in plain text

Dimensions:

Design A



Design B



Technical Data:

Max. pressure: 140 psi/ 10 bar
Medium temperature: -20...+100°C (-4...+212°F)
Ambient temperature: -20...+70°C (-4...+158°F)
Installation position: any

Materials:

Housing: PPh
Connection: brass CW614N
Turbine: PPh
Axis: PPh
Bearing: stainless steel balls 1.4301
Glass: borosilicate glass
Gasket: NBR

Maximum flow velocity with liquids should not be more than 3 m/s.

d	Design	H [mm]	h1 [mm]	L [mm]	s [mm]	Weight [kg]
G 1/4	A	66	22	44	20	0,11
G 3/8	A	92	36	60	28	0,18
G 1/2	A	92	36	60	28	0,18
G 3/4	B	114	46	70	46	0,60
G 1	B	114	46	70	46	0,60