Badger Meter Europa

Turbine meter
Type Vision® 2006/2008

For low viscous and non aggressive liquids
For low flow applications

Measuring principle

The rotor is turned by the fluid force in flowproportional way. A hall generator supplies pulses, which can be utilized for digital or analogue signal processing. The generated pulses are specified as the k-factor.

Features

- Low cost
- Small size
- Easy and fast installation
- Maintenance free
- High operating pressure
- Installation in any position

Technical data

Type	2008 4F 16,5	2008 4F 22	2008 F 23	2008 4F 44	2008 2F 66	2006 4F 44	2006 2F 66
Article n° (standard)	167523	167512	167525	167513	167514	167515	167516
Article n° (with cable)	-	167522	-	167517	167519	-	-
Measuring range l/min	2 - 35	1 - 25	1,5 – 25	1 - 15	0,50 – 7,5	1 - 10	0,5 - 5
K-Factor PPL *	700	1000	1000	2200	4600	3300	6900
Size mm	8	8	8	8	8	6	6
Material	Grilamid TR55 (PA 12) Polyamid 12						
Viscosity range	0,8 - 16 mm2/sec						
Accuracy	+/- 3% of value						
Repeatability	0,50%						
Temperature range (°C)	- 20 – 100						
Operating pressure	25 bar max						
Burst pressure	200 bar						
Electrical connection	AMP Faston 2,8 / 6,3 x 0,8 mm						
Power supply	5 - 24 VDC						
Current consumption	Ca. 8 mA						
Output signal	Pulses by open collector NPN						
Pull-down resistor	1 - 2,2 kOhm						
Connections	Male threads 3/8''						

* PPL = pulses / liter

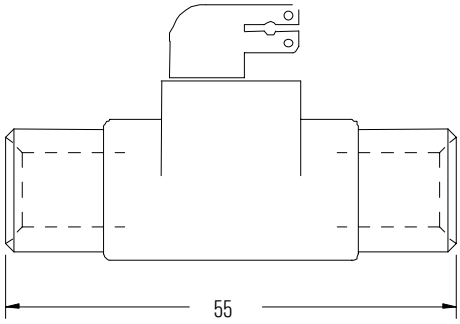
Connections also available with cable

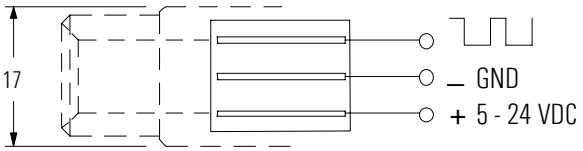
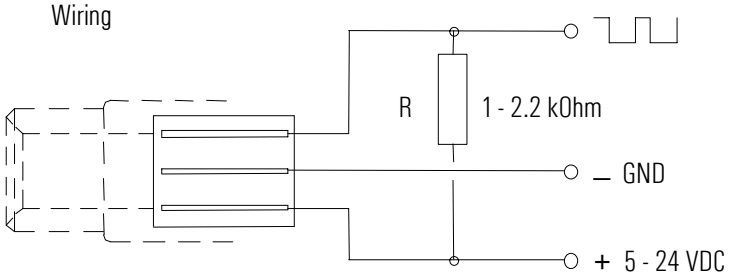
Badger Meter Europa GmbH - Karlstrasse 11 - 72660 Beuren (Germany)
Tel. +49-7025-9208-0 Fax +49-7025-9208-15 www.badgermeter.de E-mail:badger@badgermeter.de

Pressure drop in bar for water

Type	2008 4F16,5	2008 4F22	2008 4F44	2008 2F66	2006 4F44	2006 2F66
1 l /min	~ 0	~ 0	~ 0	~ 0	~ 0	~ 0
2 l / min	~ 0	~ 0	0,05	~ 0	0,06	~ 0
5 l / min	~ 0	0,05	0,2	0,05	0,2	0,12
10 l / min	~ 0,12	0,17	0,4	0,2	0,7	0,4
15 l / min	~ 0,25	0,27	--	0,4	--	0,9
20 l / min	~ 0,45	0,48	--	0,7	--	1,3
25 l / min	~ 0,60	0,65	--	--	--	--
30 l / min	~ 0,92	0,97	--	--	--	--

Dimensions

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