

Know your flow - the new Rotameter RAGN

www.rotameter.eu



Smart Ideas

When the original Rotameter was developed in 1909 by Karl Küppers, the importance of the variable area meter was quickly recognized. For the first time continuous flow measurement was possible due to the mechanical principle. Today the new Rotameter RAGN comes with several features, e.g. complete stainless steel design, easy to read scales or simply retrofittable limit switches. Smart ideas sustain your business.

Efficient Energy Use

The reduction of CO₂-emissions is a critical challenge. Conserving energy is key to sustainable future Yokogawa takes into account at every stage of the product lifecycle. Rotameters don't require power and convince with a long lifetime and easy installation. With common applications and normal operating conditions the RAGN is maintenance free. Think of your carbon footprint - use Rotameters!

Extensive Safety

Safety is not an option. All RAGN are equipped with a turnable splinter shield and all materials conform to international standards. The RAGN has been assessed in accordance with SIL1 level on the basis of the EN61508:2010.

The inventor of Rotameters proudly presents world's first Glass Rotameter suitable for SIL applications!



FY 01A08A08-E-E

Know your flow - the new Rotameter RAGN

World's first Glass-Rotameter
suitable for SIL applications



Specifications

Flow range Air	0,1 l/h - 160 m³/h
Flow range Water	2 ml/h - 10 m³/h
Process connections	G and NPT threads, EN and ASME flanges, Clamp ISO 2852
Process connection mat.	SS 316L
Coupling nuts	SS 316
Housing material	SS 304 smoothed
Turnable splinter shield	Polycarbonate
Glass tube	Borosilicate glass
Gaskets	NBR, FKM, EPDM (FDA conform)
Stopper material	PVDF (FDA conform)
Floats	TT, PVDF (FDA conform), PTFE, SS
Process temperature	- 25°C to + 100°C
Process pressure	6-16 bar g depending on tube
Limit switches	Bist. ring sensors (Ex ia), reed switches
Connection box	Yes
Suitable for SIL	Yes



vigilantplant.®

The clear path to operational excellence

SEE
CLEARLY

KNOW
IN ADVANCE

ACT
WITH AGILITY

VigilantPlant is Yokogawa's automation concept for safe, reliable, and profitable plant operations. VigilantPlant aims to enable an ongoing state of Operational Excellence where plant personnel are watchful and attentive, well-informed, and ready to take actions that optimize plant and business performance.

YOKOGAWA ELECTRIC CORPORATION

World Headquarters

9-32, Nakacho 2-chome, Musashino-shi, Tokyo 180-8750, Japan
<http://www.yokogawa.com/>

YOKOGAWA CORPORATION OF AMERICA

12530 West Airport Blvd, Sugar Land, Texas 77478, USA
<http://www.yokogawa.com/us/>

YOKOGAWA EUROPE B.V.

Euroweg 2, 3825 HD Amersfoort, The Netherlands
<http://www.yokogawa.com/eu/>

YOKOGAWA ENGINEERING ASIA PTE. LTD.

5 Bedok South Road, Singapore 469270, Singapore
<http://www.yokogawa.com/sg/>

YOKOGAWA CHINA CO., LTD.

3F Tower D Cartelo Crocodile Building
No. 568 West Tianshan Road, Shanghai 200335, China
<http://www.yokogawa.com/cn/>

YOKOGAWA MIDDLE EAST B.S.C.(c)

P.O. Box 10070, Manama
Building 577, Road 2516, Busaiteen 225, Muharraq, Bahrain
<http://www.yokogawa.com/bh/>

Represented by:

Subject to change without notice

All Rights Reserved. Copyright © 2011, by Yokogawa Europe B.V.
Printed in The Netherlands, 01-1110(A) Made from recycled paper.

YOKOGAWA 