

**azbil**

# MagneW™ 3000 PLUS+

Smart Electromagnetic Flowmeter

**Expanded application flexibility...  
Enhanced configuration and operating features.**

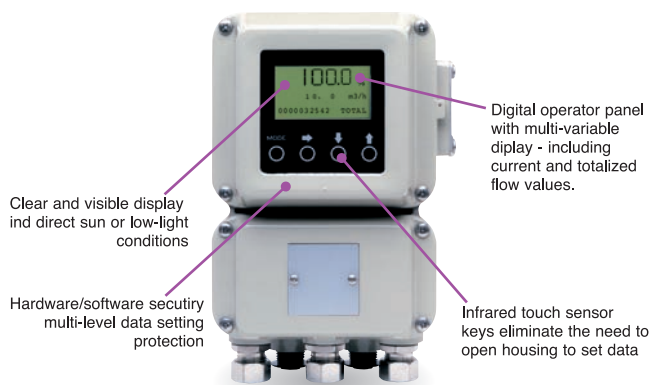
**CE**

- Mirror-smooth finish liner
- Converters with digital operator panel
- Intuitive, versatile operator interface with large characters and backlit LCD
- Field proven detector design
- Flexible digital communication

## Benefits

- Displays flow rate/integrated value/percentile flow rate simultaneously
- Eliminates special programming tools
- Enhances local operation
- Reduces installation, troubleshooting and maintenance time

## CONVERTER



ITEM	SPECIFICATIONS
<b>Type</b>	Integral / Remote
<b>Power supply</b>	90 to 250 VAC 24V DC
<b>Structure</b>	IEC IP66 / NEMA 4X
<b>Outputs</b>	4 to 20 mA DC/DE/Pulse/Contact outputs
<b>Inputs</b>	Contact inputs (2 max.)
<b>Display</b>	Backlit LCD
<b>Data setting</b>	Infrared ray touch sensor
<b>Accuracy</b>	0.35% of rate / 0.5% of rate
<b>Power consumption</b>	10 W
<b>Housing</b>	Aluminum alloy
<b>Ambient temperature</b>	-25 to +60°C (-13 to +140°F)
<b>Ambient humidity</b>	5 to 100% RH
<b>Mounting</b>	Integral/ Wall/ 2-inch pipe mounting
<b>Weight</b>	3.1 kg (7.0 lb)
<b>Electrical conductivity</b>	3 μS/cm or over
<b>Functions</b>	Empty pipe detection, Data setting protection, Communication, etc.

## DETECTOR



ITEM	SPECIFICATIONS
<b>Diameter</b>	2.5, 5, 10, 15, 25, 40, 50, 65, 80, 100, 125, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800, 900, 1000, 1100 mm (0.1, 0.2, 3/8, 1/2, 1, 1 1/2, 2, 2 1/2, 3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 24, 28, 32, 36, 40, 44 inches)
<b>Type</b>	Integral / Remote
<b>Structure</b>	IEC IP67 or IP68
<b>Approvals</b>	FM/CSA Nonincendive, FM/CSA/IIIS Flameproof
<b>Pipe connections</b>	Flange / Wafer (JIS10/20/30K), ANSI 150/300, JPI 150/300, DIN PN10/16/25/40, JIS G 3443-2) Union joint / Hose / ISO clamp / Tri-clamp
<b>Face-to-face dimensions</b>	ISO standard dimensions, Azbil corporation standard dimensions, Adjustable dimensions, flexible sizes
<b>Electrode</b>	SUS316L, Hastelloy C, Titanium, Zirconium, Tantalum, Platinum-Iridium, others
<b>Grounding ring</b>	SUS316, Hastelloy C, Titanium, Zirconium, Tantalum, Platinum, others
<b>Lining</b>	PFA, ETFE, Polyurethane rubber, Chloroprene rubber, Ceramic
<b>Housing</b>	Stainless Steel Carbon Steel
<b>Weight</b>	10 mm Diameter 50 mm Diameter 100 mm Diameter
<b>Fluid temperature</b>	Remote Integral
<b>Ambient temperature</b>	Remote Integr
<b>Ambient humidity</b>	5 to 100% RH

HART is a registered trademark of HART Communication Foundation.  
Other product names, model numbers and company names may be trademarks of the respective company.

[Notice] Specifications are subject to change without notice.  
No part of this publication may be reproduced or duplicated without the prior written permission of Azbil Corporation.

## Azbil Corporation

Advanced Automation Company

Yamatake Corporation changed its name to Azbil Corporation on April 1, 2012.

1-12-2 Kawana, Fujisawa  
Kanagawa 251-8522 Japan  
URL: <http://www.azbil.com>