

# Gas Solutions



**Serving the Gas Industry  
Worldwide**



# A Leader in the Gas Supply Chain

RMG by Honeywell, a division of Honeywell Process Solutions, is a trusted partner wherever gas needs to be moved, measured or stored. RMG by Honeywell has unmatched experience and expertise in the design and manufacture of natural gas control, measurement and analysis equipment, including flow metering technology, regulating products and safety devices for the most demanding applications. RMG by Honeywell also provides control stations for compressed natural gas (CNG) fuels and the growing biogas market in Europe.



RMG by Honeywell has expertise along the entire gas supply chain, particularly in the areas of natural gas transportation, storage, distribution and industrial consumption. RMG by Honeywell's expertise in the gas pipeline business enhances Honeywell solutions delivering energy savings and efficiency to industrial customers worldwide. RMG by Honeywell technology strongly aligns with Honeywell's other instrumentation and control products, offering gas flow meters and regulating devices that complement pressure and temperature transmitters and liquid natural gas (LNG) level gauges, as well as UOP solutions for gas separation/processing and Honeywell Enraf equipment for tank gauging.

## **A Single Source for Integrated Systems**

Major gas utilities and customers worldwide understand the advantages of specifying RMG products as their standard for long-lasting reliability, quality and service. RMG by Honeywell's comprehensive product line ranges from pressure regulators and stations to custody transfer metering and turbo expansion stations.

Honeywell provides complete gas solutions incorporating SCADA systems, advanced solutions, fire protection and custody transfer metering solutions as well as pressure reduction, flow control stations and automation systems.



## RMG by Honeywell – Your worldwide partner in the gas industry

regulate  
consume automate  
transport  
measure  
store  
evaluate  
deliver  
secure register  
distribute

From initial design through testing and commissioning, RMG by Honeywell integrates leading technologies to provide complete solutions for applications ranging from CNG filling stations to turbo expanders for energy recovery.

All RMG products are designed, engineered and manufactured to maximize added value once combined in an integrated system. This leads to reduced uncertainty, higher reliability, lower risk and reduced maintenance costs.

### Applications

- Transmission
- Distribution
- Industrial/Commercial Utilization

### Solutions

- Automated Pressure Reduction and Flow Control Systems
- Custody Transfer Metering and Energy Systems
- CNG Filling Stations
- Bio Methane Treatment and Injection Plants
- Gas Expansion Turbine Stations
- Odorizing Systems

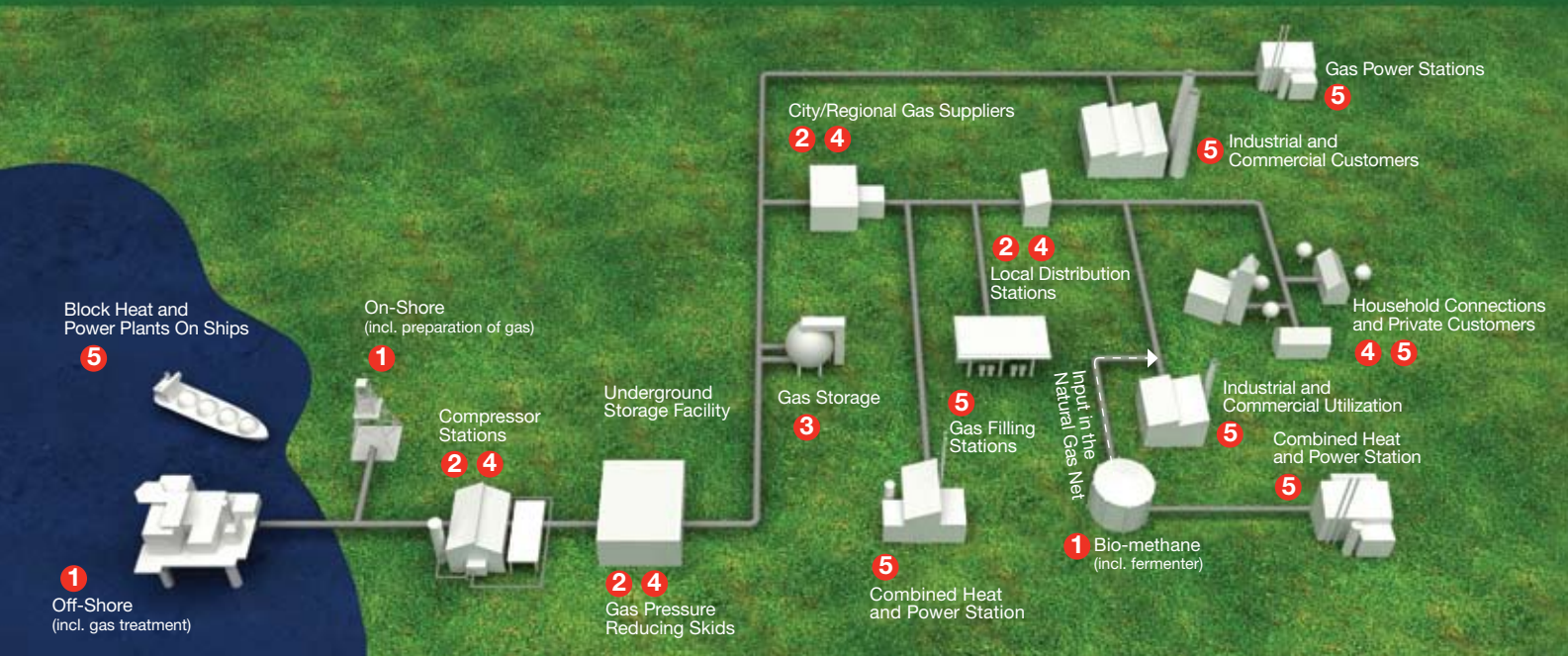
### Products

- Gas Pressure Regulators
- Flow Control Valves
- Ball Valves
- Safety Devices
- Custody Transfer Meters
- Gas Quality Measurement
- Electronic Volume Correctors and Flow Computers
- Data Loggers, RTUs and Telemetry Products

### Software

- Data Collection and Management Systems
- Automated Meter Reading/Remote Meter Reading
- Station Supervisory Systems





# Stations in the Gas Infrastructure

Regulation and measurement technologies play a central role in all gas pipeline stations. With increasing transport distances and the ever-growing concentration of regional transport networks, the demands on these technologies continue to rise. As an industry leader, RMG by Honeywell has a considerable influence on the standards of the world gas infrastructure.

## 1 Exploration and Production

Natural gas comes from the well at high pressure and flows into reception stations. From this point, RMG products ensure control of the required pressure level and preset flow volume. RMG by Honeywell has the right technology and expertise to meet every other conceivable regulation and measurement requirement in the remainder of the gas supply chain.

## 2 Transportation

There are millions of kilometers of gas transportation networks worldwide, installed at a very high cost. In order to utilize this resource as efficiently as possible, natural gas needs to be compressed and then decompressed again and again as necessary along the pipeline. The quality and accuracy afforded by RMG products, supported by sophisticated automation technology, is the answer to this demanding application.

## 3 Storage

To ensure a high level of security for the end user, underground gas storage is being exploited locally with pressures of up to 250 bar. RMG by Honeywell, offering a comprehensive range of gas regulation and measurement solutions coupled with extensive pipeline industry experience, can maximize the effectiveness of local storage.

## 4 Distribution

At regional and city gate offtakes, as well as distribution feeds into the network, RMG's products provide reliable pressure reduction, flow control, pre-heating and measurement of gas quality and volume including all necessary data logging and communication. Additionally, RMG turbo expanders are an eco-friendly solution for leveraging the existing energy potential in natural gas.

## 5 Utilization

The final step in the gas supply chain is delivery. RMG by Honeywell offers an extensive line of pressure regulation and metering equipment and supplies gas trains, gas mixers and flame arresters (for example, to be used with gas engines in combined heat and power plants), which can be powered by natural, bio, mine or sewage gases.



**RMG by Honeywell** has an enviable reputation as a world leader in the design and manufacture of gas control, measurement and analyzing equipment. This experience and expertise results in an unmatched knowledge and quality in the gas industry.

## RMG by Honeywell: Found in all Pipeline Stations

### Compressor Stations

Flow control valves, gas pressure regulators, safety shut-off valves, gas meters and gas analyzers



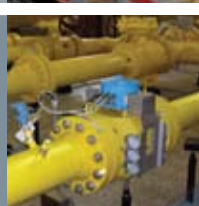
### Gas Pressure Reducing and Metering Skids

Regulating and metering stations, filters, gas pressure regulators, gas meters, odorizers, pre-heaters, automation technology, turbo expanders and ball valves



### Gas Storage

Gas pressure regulators, flow meters, gas quality, flow control valves, safety devices, automation technology and ball valves



### City/Regional Gas Suppliers

Regulating and metering stations, filters, gas pressure regulators, gas meters, odorizers, pre-heaters, automation technology, safety devices, turbo expanders and ball valves, biogas injection plants and CNG filling stations



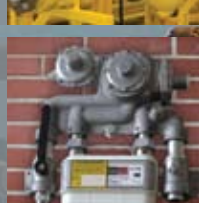
### Industrial and Commercial Utilization

Gas trains for gas engines, gas pressure regulators, filters, flame arresters, gas meters, gas mixers, ball valves and Automated Meter Reading (AMR)



### Household Connections

Domestic regulators with or without safety devices





# Proven Expertise

**RMG by Honeywell** has been in the gas industry since 1843. With a strong global presence including more than 1,100 employees worldwide and a commitment to customer satisfaction and quality, RMG by Honeywell is an ideal single-source supplier to meet the gas metering and regulation needs of the industrial market.

RMG by Honeywell serves customers on a worldwide basis along the full value chain from high pressure transmission, underground storage and distribution to the utilization of natural gas at commercial and industrial customer sites.





### Key Figures

- Over 150 years experience in the gas business
- Over 7,000 active customers worldwide
- Presence in more than 100 countries
- Approximately 1,100 employees worldwide

### Global Presence

- Subsidiaries, offices, dealers and representatives in more than 100 countries
- Joint ventures for long-term development of local markets
- Specialized gas application support via project teams worldwide
- Skilled and knowledgeable assistance offered on a local basis
- Targeted focus on expanding global markets



### Comprehensive Portfolio

- Complete delivery of gas pressure regulation and metering stations—all from a single source
- High-value gas regulation products including pressure regulating components and security devices
- Wide range of accessory products (ball valves, filters, pre-heaters, flame arresters)
- Reliable integration of advanced automation solutions
- Fast, trouble-free commissioning
- Official certification of gas measuring devices
- Gas expansion turbines for energy recovery
- CNG filling stations
- Biogas injection plants

### Customer Focus

- Direct support of over 7,000 customers worldwide available locally, around the clock
- Long-term relationships encouraging mutual improvements in service
- Efficient procedures to ensure on-time product delivery at the accepted price
- Ongoing customer and employee training at RMG training center or at user site
- Reliable advice and project management for customized, turnkey stations
- Lowest total cost of ownership through minimal wear and extended service life
- Reduced risk through broad, single-source solutions

### Industry Leadership

- Dedication to advanced gas regulation and measurement technologies
- Active participation in defining national and international gas industry standards
- Culture of continuous product development and high quality standards



## For More Information

To learn more about RMG's advanced gas solutions,  
contact your RMG account manager or visit [www.rmg.com](http://www.rmg.com)

### Germany

#### Honeywell Process Solutions

RMG Regel + Messtechnik GmbH  
Osterholzstrasse 45  
34123 Kassel, Germany  
Tel: +49 (0)561 5007-0  
Fax: +49 (0)561 5007-107

#### Honeywell Process Solutions

RMG Messtechnik GmbH  
Otto-Hahn-Strasse 5  
35510 Butzbach, Germany  
Tel: +49 (0)6033 897-0  
Fax: +49 (0)6033 897-130

#### Honeywell Process Solutions

RMG Gaselan Regel + Messtechnik GmbH  
Julius-Pintsch-Ring 3  
15517 Fürstenwalde, Germany  
Tel: +49 (0)3361 356-60  
Fax: +49 (0)3361 356-836

#### Honeywell Process Solutions

WÄGA Wärme-Gastechnik GmbH  
Osterholzstrasse 45  
34123 Kassel, Germany  
Tel: +49 (0)561 5007-0  
Fax: +49 (0)561 5007-207

### Poland

#### Honeywell Process Solutions

Gazomet Sp. z o.o.  
ul. Samowska 2  
63-900 Rawicz, Poland  
Tel: +48 (0)65 5462401  
Fax: +48 (0)65 5462408

### England

#### Honeywell Process Solutions

Bryan Donkin RMG Gas Controls Ltd.  
Enterprise Drive, Holmewood  
Chesterfield S42 5UZ, England  
Tel: +44 (0)1246 501-501  
Fax: +44 (0)1246 501-500

### Canada

#### Honeywell Process Solutions

Bryan Donkin RMG Canada Ltd.  
50 Clarke Street South, Woodstock  
Ontario N4S 0A8, Canada  
Tel: +1 (0)519 5398531  
Fax: +1 (0)519 5373339

### USA

#### Honeywell Process Solutions

Mercury Instruments LLC  
3940 Virginia Avenue  
Cincinnati, Ohio 45227, USA  
Tel: +1 (0)513 272-1111  
Fax: +1 (0)513 272-0211

### Turkey

#### Honeywell Process Solutions

RMG GAZ KONT. SIS. ITH. IHR. LTD. STI.  
Birlik Sanayi Sitesi, 6.  
Cd. 62. Sokak No: 7-8-9-10  
TR - Sasmaz / Ankara, Turkey  
Tel: +90 (0)312 27810-80  
Fax: +90 (0)312 27828-23