

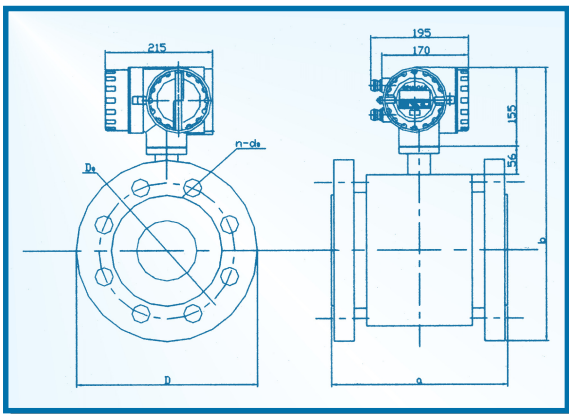
RPmag62

Electromagnetic flowmeter

865B046A

Features

- Pipe dimension range: DN25 ÷ DN1600
- Measure range: $<0,6\text{m}^3/\text{h} \div >70000\text{m}^3/\text{h}$
- Fluid conductivity: $>5\mu\text{S}/\text{cm}$
- Sensor material: SS 321
- Lining materials: rubber; polyurethane; PTFE
- Housing material: aluminum
- Electrodes materials: SS 316Ti, Hastelloy B; Hastelloy C; Titanium; Tantalum
- Remote version operating temperature:
 - rubber $<80^\circ\text{C}$
 - polyurethane $<60^\circ\text{C}$
 - PTFE $<180^\circ\text{C}$
- Compact version operating temperature: $<70^\circ\text{C}$
- Max. accuracy: $\pm 0,2\%$
- Max. repeatability: $\pm 0,07\%$
- Fluid velocity: $0.5\text{m}/\text{s} \div 15\text{m}/\text{s}$
- Open-collector output: 30V; 250mA
- Analog output: $4\div 20\text{mA}$; max. load 750Ω
- Pulse output: $1\div 5000\text{Hz}$
- Power supply: $85\div 265\text{V}$ $48\div 63\text{Hz}$ or 24Vdc
- Consumption: $<20\text{W}$
- Housing protection: IP65 or IP68 (rem. vers. only)



- ☐ Compact digital system, for conductive liquids ($>5\mu\text{S}/\text{cm}$), even with a content of suspended solids.
- ☐ Measurement range: from $<0,6\text{m}^3/\text{h}$ to $>70000\text{m}^3/\text{h}$
- ☐ Best measurement accuracy: $\pm 0.2\%$
- ☐ Power supply: $85\div 265\text{Vac}$ or 24Vdc

General

An electromagnetic flowmeter consists of a sensor and a transmitter. According to Faraday's Law, the flowmeter is used to measure volumetric flowrate for conductive liquids and pulps. Several output signals are available. The main application range can be found in the following fields: chemical industry, power generation and distribution, mine, water treatment, paper industry, pharmaceutical industry, food and environmental protection. The measurement is independent of the density, viscosity, temperature, pressure and conductivity of the measured fluid. No moving parts in the measuring tube. No pressure loss. Low requirement for the upstream and downstream straight pipes. It has a special suitability for pulp measurement. The analog output or frequency output is proportional to velocity of fluid. Wide measuring range. Magnetic field excitation with low frequency pulse. Low consumption. Stable zero point.



applied solutions for the applications

1. FEATURES

1.1 Application condition

Ambient temperature: $-25^{\circ}\text{C} \div +55^{\circ}\text{C}$;

Relative humidity: $5\% \div 100\%$;

Ambient pressure: $86 \div 106\text{kPa}$.

1.2 Process condition

Fluid conductivity: $>5\mu\text{S/cm}$;

Pressure: 4.0MPa (DN25÷DN150)

1.6MPa (DN100÷DN150)

1.0MPa (DN200÷DN1000)

0.6MPa (DN1200÷DN1600)

Operating temperature:

remote version: $< 80^{\circ}\text{C}$, Rubber lining

$< 60^{\circ}\text{C}$, Polyurethane lining

$< 150^{\circ}\text{C}$, max. 180°C (not continuous), PTFE lining

compact version: $< 70^{\circ}\text{C}$

Power supply: $85 \div 265\text{V}$ $48 \div 63\text{Hz}$ or 24Vdc

2. TECHNICAL DATA

2.1 Sensor

Pipe DN: 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800, 900, 1000, 1200, 1400, 1600

Velocity range: $0.5\text{m/s} \div 15\text{m/s}$

Accuracy: $\pm 0.2\%$, $\pm 0.3\%$, $\pm 0.5\%$ of the measured value for DN25÷DN350; $\pm 0.5\%$ of the measured value for DN400÷DN1600

Measuring tube material: stainless steel AISI321

Lining material: rubber, polyurethane, PTFE

Electrodes material: stainless steel SS 316TI, Hastelloy B, Hastelloy C, Titanium, Tantalum

Connecting flange material: carbon steel

Housing protection: IP68 (only for remote versions sensor, RPmag62F)
IP65 (compact)

2.2 Transmitter

It is a microprocessor-controlled transmitter. It displays measured values and messages in both Italian and English. There are two versions with remote and compact.

2.2.1 Special feature

- The magnetic field excitation is a programmable rectangular wave with low frequency. It increases the stability of flow measurement and has low consumption.
- It uses a 16-bit microprocessor, fast processing and high accuracy.
- All digital processing, high disturbing resistance, reliable measurement, high accuracy, wide measuring range.
- Switching power supply is suitable for the wide changing range of voltage, EMC according to CE requirements.
- Operating menu in Italian and English is easy to operate.
- Back lighted LCD display with high definition.
- Dual direction measurement function. It can display forward direction flowrate and reverse direction flowrate. Three inside counters can respectively display forward direction volume, reverse direction volume and the different volume of both directions. It is possible to communicate via RS485 or optional PROFIBUS and HART protocol.
- Big range of constant coil current for sensor can fit different type sensor of electromagnetic flowmeter.



- Multifunction intelligent transmitter has self-test and self-diagnosis function.
- EEPROM can save the setting and the counters when power off.
- Remote version and compact version.

2.3 Technical data

2.3.1 Process condition

Ambient temperature: $-25 \div +60^{\circ}\text{C}$

Relative humidity: $5\% \div 90\%$

Power supply: $85 \div 265\text{V AC}$, $48 \div 63\text{Hz}$ or 24V DC

Consumption: less than 20W

2.3.2 Accuracy

$\pm 0,2\%$, $\pm 0,3\%$, $\pm 0,5\%$

2.3.3 Repeatability

$0,07\%$, $0,1\%$, $0,17\%$ of the measured value.

2.3.4 Analog output

Current output: $0 \div 10\text{mA}$ e $4 \div 20\text{mA}$

Load resistance: $0 \div 1,5\text{Kohm}$ for $0 \div 10\text{mA}$; $0 \div 750\text{ohm}$ for $4 \div 20\text{mA}$

Basic error: measured value plus basic error $\pm 10\mu\text{A}$

2.3.5 Frequency and pulse output

Frequency: For forward direction and reverse direction, the maximum frequency can be set between $1 \div 5000\text{Hz}$.

The output is an open collector transistor with galvanic isolation. External power supply should be less than 30V , and maximum current for the collector is 250mA when it works.

Pulse: For forward and reverse direction. The pulse can be up to 15000 per second. The pulse width is up to 25ms . The output is an open collector transistor with galvanic isolation. External power supply should be less than 30V , and maximum current for the collector is 250mA when it works. Via an inside pull-up resistor, frequency and pulse output can use the 24V power supply. The maximum current for the collector is 250mA when it works.

2.3.6 Display

Display with Italian and English, five characters for flowrate and ten characters for volume.

2.3.7 Alarm

Two alarms are the open collector transistor output with galvanic isolation. External power supply should be less than 30V , and maximum current for the collector is 250mA when it works.

Alarm output for the following faults: Empty pipe direction, analog exceeds its range, frequency exceeds its range and the fault for magnetic field excitation.

2.3.8 Digital output

Communication serial output with RS485. It has protection against a lightning strike.

2.3.9 Damping

$2 \div 100\text{s}$ (90%)

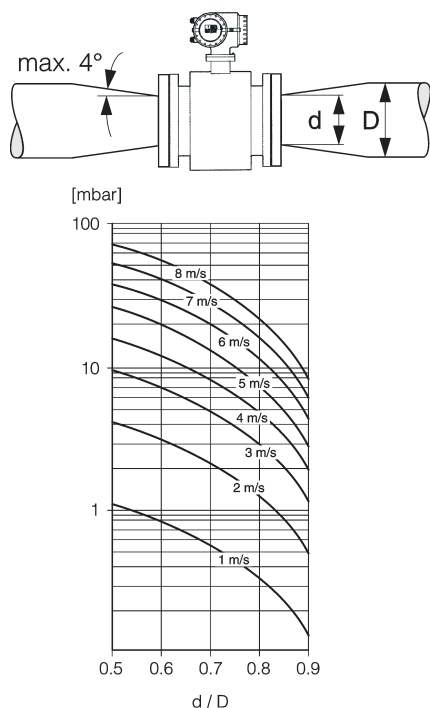
2.3.10 Isolation

The isolating voltage is more than 500V between analog output, pulse (frequency output), alarm and ground.

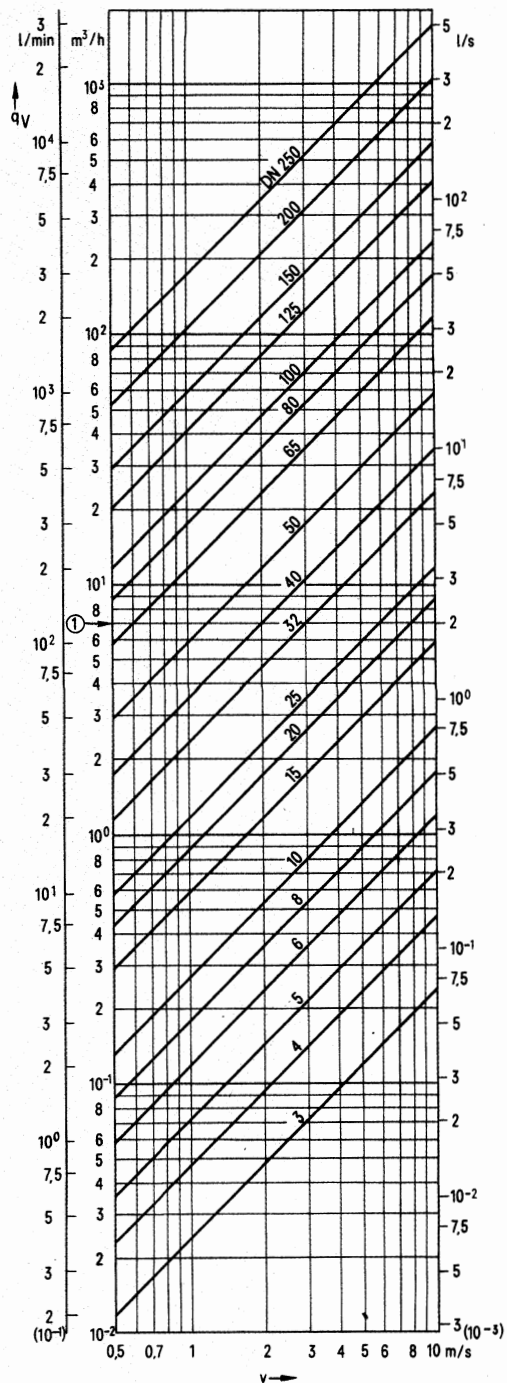


3. FLOW TABLES

Load loss



Flow range from DN250 to DN3
(standard max. DN1600)



4. FUNCTION

4.1 Measuring principle

All electromagnetic flowmeters are in accordance with Faraday is Law: (fig.1):

$$U_m = K \times B \times V \times D$$

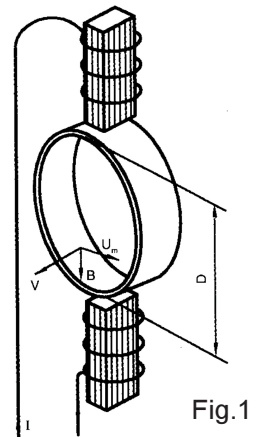
U_m – Induced signal voltage measured from both electrodes.

K – Sensor corrected factor.

B – Magnetic flux density (Induction)

V – Velocity of fluid.

D – Inner diameter of the measuring tube.



An induced signal voltage will be generated when the inductive liquid flows through a magnetic field. The magnetic field produced by the energized coils in the sensor penetrates the magnetically and non-inductive measuring tube and the medium flowing through it. A voltage is generated in the medium, which is proportional to the velocity of the medium. The voltage can be picked up by the electrodes. There are two type of magnetic fields: constant pulse magnetic field and alternative pulse magnetic field.

5. DIMENSION

5.1 Compact version dimension (RPmag62Y)

RPmag62Y electromagnetic flowmeter dimension (fig.2)

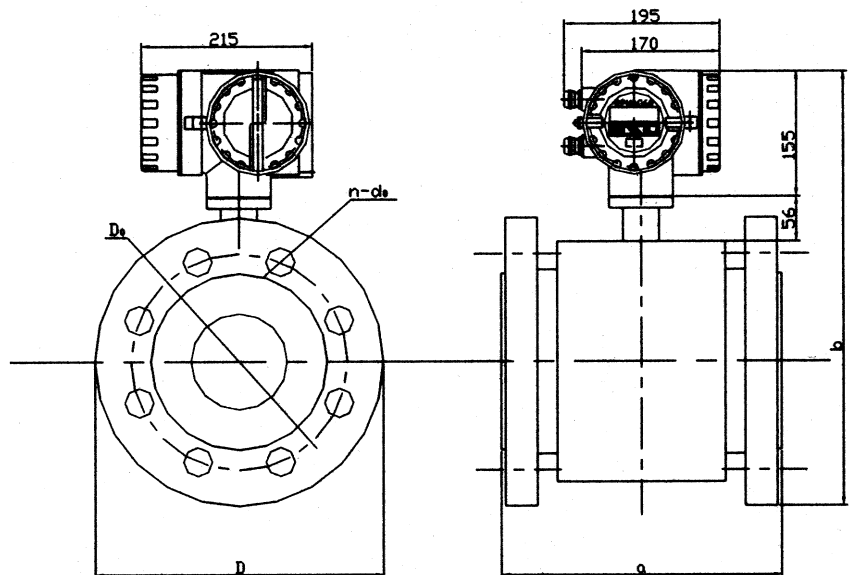


Fig.2

RPmag62 - Features

RPmag62Y electromagnetic flowmeter dimension (tab.1)

DN (mm)	Pressure (Mpa)	Sensor dimension (mm)		Connecting flange dimension (mm)		
		a	b	D	D ₀	n-d ₀
25	4.0	200	330	115	85	4-14
32	4.0	200	342	140	100	4-18
40	4.0	200	350	150	110	4-18
50	4.0	200	365.5	165	125	4-18
65	4.0	200	380	185	145	8-18
80	4.0	200	396	200	160	8-18
100	4.0	250	425.5	235	190	8-22
125	4.0	250	456.5	270	220	8-26
150	4.0	300	485	300	250	8-26
200	1.0	350	540	340	295	8-22
250	1.0	450	610	395	350	12-22
300	1.0	500	655	445	400	12-22
350	1.0	550	695	505	460	16-22
400	1.0	600	755	565	515	16-26
450	1.0	600	820	615	565	20-26
500	1.0	600	865	670	620	20-26
600	1.0	600	965	780	725	20-30
700	1.0	700	1070	895	840	24-30
800	1.0	800	1180	1015	950	24-33
900	1.0	900	1300	1115	1050	28-33
1000	1.0	1000	1410	1230	1160	28-36
1200	0.6	1200		1405	1340	32-33
1400	0.6	1400		1630	1560	36-36
1600	0.6	1600		1830	1760	40-36

Tab.1

5.2 Remote version dimension (RPmag62F)

RPmag62F electromagnetic flowmeter dimension (fig.3)

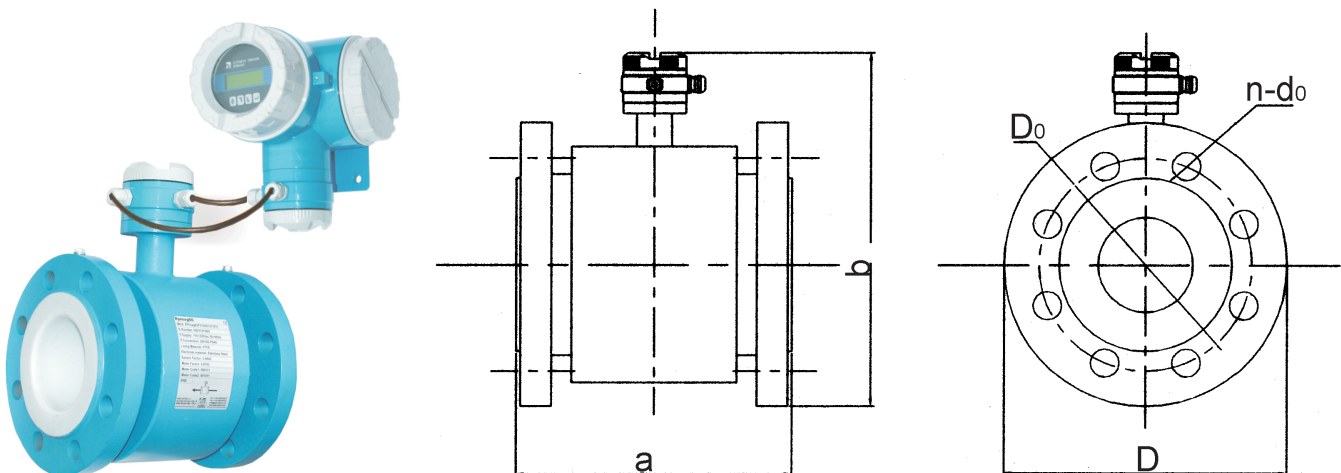


Fig.3



RPmag62F electromagnetic flowmeter dimension (tab.2)

DN (mm)	Pressure (Mpa)	Sensor dimension (mm)		Connecting flange dimension (mm)		
		a	b	D	Do	n-dø
25	4.0	200	234	115	85	4-14
32	4.0	200	246	140	100	4-18
40	4.0	200	254	150	110	4-18
50	4.0	200	269.5	165	125	4-18
65	4.0	200	284	185	145	8-18
80	4.0	200	300	200	160	8-18
100	4.0	250	329.5	235	190	8-22
125	4.0	250	360.5	270	220	8-26
150	4.0	300	389	300	250	8-26
200	1.0	350	450	340	295	8-22
250	1.0	450	520	395	350	12-22
300	1.0	500	565	445	400	12-22
350	1.0	550	605	505	460	16-22
400	1.0	600	665	565	515	16-26
450	1.0	600	730	615	565	20-26
500	1.0	600	775	670	620	20-26
600	1.0	600	875	780	725	20-30
700	1.0	700	980	895	840	24-30
800	1.0	800	1090	1015	950	24-33
900	1.0	900	1210	1115	1050	28-33
1000	1.0	1000	1320	1230	1160	28-36
1200	0.6	1200		1405	1340	32-33
1400	0.6	1400		1630	1560	36-36
1600	0.6	1600		1830	1760	40-36

Tab.2

5.3 Selection of flange

Select the flanges with the metric system. The connecting flanges to the sensor are produced according to the metric system. When you select the connecting flanges to sensor, you should note the specification of your operating pipe in the order. The dimension of the connecting flanges should be to the following standards.

For the dimension, see table 4, 5, 6, 7 and figure 4.

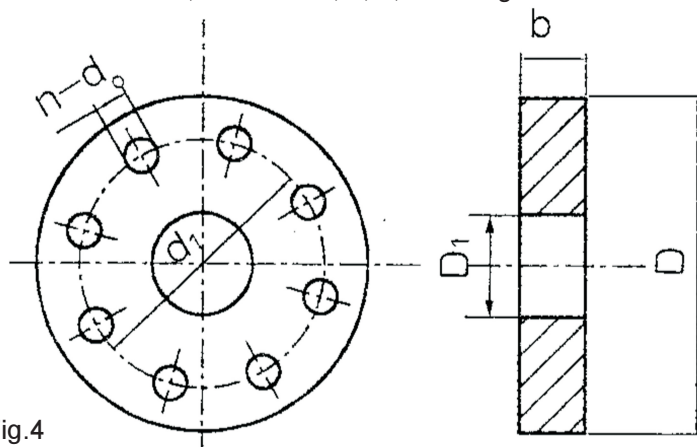


Fig.4

4.0 MPa (DN25÷DN150)	GB9119-2000
1.6 MPa (DN25÷DN150)	GB9115.1-2000
1.0 MPa (DN200÷DN1000)	GB9115.1-2000
0.6 MPa (DN1200÷DN1600)	GB9119-2000

Tab.3

RPmag62 - Features

DN(mm)	4.0MPa						
	D	d1	d0	Th	n	b	D1
25	110	85	14	M12	4	18	34.5 ⁺¹ ₀
40	150	110	18	M16	4	20	49.5 ⁺¹ ₀
50	165	125	18	M16	4	20	61.5 ⁺¹ ₀
65	185	145	18	M16	8	22	77.5 ⁺¹ ₀
80	200	160	18	M16	8	22	90.5 ⁺¹ ₀
100	235	190	22	M20	8	26	116.5 ⁺¹ ₀
150	300	250	26	M24	8	28	170.5 ⁺²

Tab.4 GB9119-2000

DN(mm)	1.6MPa						
	D	d1	d0	Th	n	b	D1
25	110	85	14	M12	4	16	35.5 ⁺¹ ₀
40	150	110	18	M16	4	18	49.5 ⁺¹ ₀
50	165	125	18	M16	4	20	61.5 ⁺¹ ₀
65	185	145	18	M16	4	20	77.5 ⁺¹ ₀
80	200	160	18	M16	8	20	90.5 ⁺¹ ₀
100	220	180	18	M16	8	22	116.5 ⁺¹ ₀
150	285	240	22	M20	8	24	170.5

Tab.5 GB9115.1-2000

DN(mm)	1.0MPa				
	D	d1	d0	n	D1
200	340	295	22	8	221.5 ⁺² ₀
250	395	350	22	12	276.5 ⁺² ₀
300	445	400	22	12	327.5 ⁺² ₀
350	505	460	22	16	359.5 ⁺² ₀
400	565	515	26	16	411 ⁺² ₀
450	615	565	26	20	462 ⁺³ ₀
500	670	620	26	20	513.5 ⁺³ ₀
600	780	725	30	20	616.5 ⁺³ ₀
700	895	840	30	24	×
800	1015	950	33	24	×
900	1115	1050	33	28	×
1000	1230	1160	36	28	×

Tab.6 GB9115.1-2000

DN(mm)	0.6MPa				
	D	d1	d0	n	D1
1200	1405	1340	33	32	×
1400	1630	1560	26	36	×
1600	1830	1760	36	40	×
1800	2045	1970	39	44	×
2000	2265	2180	42	48	×
2200	2475	2390	42	52	×
2400	2685	2600	42	56	×

Tab.7 GB9119-2000

Note: The dimension in the cells with $\times$ will be defined according to the operating pipe.



6. ORDER CODE

There are many items for Series RPmag62 electromagnetic flowmeters. In order to make ordering easy for customers and management for the factory, we use numbers to show the main items for productions, see the following order data.

RPmag62	Code	Version																																																								
	F	Remote																																																								
	Y	Compact																																																								
		<table><tr><th>Code</th><th>DN flange / Max. pressure / Lining</th></tr><tr><td>002512</td><td>DN25 / 4,0MPa / Polyurethane (-20° ÷ +60°C)</td></tr><tr><td>002513</td><td>DN25 / 4,0MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>003212</td><td>DN32 / 4,0MPa / Polyurethane (-20° ÷ +60°C)</td></tr><tr><td>003213</td><td>DN32 / 4,0MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>004012</td><td>DN40 / 4,0MPa / Polyurethane (-20° ÷ +60°C)</td></tr><tr><td>004013</td><td>DN40 / 4,0MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>005011</td><td>DN50 / 4,0MPa / Rubber (-10° ÷ +80°C)</td></tr><tr><td>005012</td><td>DN50 / 4,0MPa / Polyurethane (-20° ÷ +60°C)</td></tr><tr><td>005013</td><td>DN50 / 4,0MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>006511</td><td>DN65 / 4,0MPa / Rubber (-10° ÷ +80°C)</td></tr><tr><td>006512</td><td>DN65 / 4,0MPa / Polyurethane (-20° ÷ +60°C)</td></tr><tr><td>006513</td><td>DN65 / 4,0MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>008011</td><td>DN80 / 4,0MPa / Rubber (-10° ÷ +80°C)</td></tr><tr><td>008012</td><td>DN80 / 4,0MPa / Polyurethane (-20° ÷ +60°C)</td></tr><tr><td>008013</td><td>DN80 / 4,0MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>010011</td><td>DN100 / 4,0MPa / Rubber (-10° ÷ +80°C)</td></tr><tr><td>010012</td><td>DN100 / 4,0MPa / Polyurethane (-20° ÷ +60°C)</td></tr><tr><td>010013</td><td>DN100 / 4,0MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>010041</td><td>DN100 / 1,6Pa / Rubber (-10° ÷ +80°C)</td></tr><tr><td>010042</td><td>DN100 / 1,6MPa / Polyurethane (-20° ÷ +60°C)</td></tr><tr><td>010043</td><td>DN100 / 1,6MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>012511</td><td>DN125 / 4,0MPa / Rubber (-10° ÷ +80°C)</td></tr><tr><td>012512</td><td>DN125 / 4,0MPa / Polyurethane (-20° ÷ +60°C)</td></tr><tr><td>012513</td><td>DN125 / 4,0MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>012541</td><td>DN125 / 1,6MPa / Rubber (-10° ÷ +80°C)</td></tr><tr><td>012542</td><td>DN125 / 1,6MPa / Polyurethane (-20° ÷ +60°C)</td></tr><tr><td>012543</td><td>DN125 / 1,6MPa / PTFE (-40° ÷ +180°C)</td></tr></table>	Code	DN flange / Max. pressure / Lining	002512	DN25 / 4,0MPa / Polyurethane (-20° ÷ +60°C)	002513	DN25 / 4,0MPa / PTFE (-40° ÷ +180°C)	003212	DN32 / 4,0MPa / Polyurethane (-20° ÷ +60°C)	003213	DN32 / 4,0MPa / PTFE (-40° ÷ +180°C)	004012	DN40 / 4,0MPa / Polyurethane (-20° ÷ +60°C)	004013	DN40 / 4,0MPa / PTFE (-40° ÷ +180°C)	005011	DN50 / 4,0MPa / Rubber (-10° ÷ +80°C)	005012	DN50 / 4,0MPa / Polyurethane (-20° ÷ +60°C)	005013	DN50 / 4,0MPa / PTFE (-40° ÷ +180°C)	006511	DN65 / 4,0MPa / Rubber (-10° ÷ +80°C)	006512	DN65 / 4,0MPa / Polyurethane (-20° ÷ +60°C)	006513	DN65 / 4,0MPa / PTFE (-40° ÷ +180°C)	008011	DN80 / 4,0MPa / Rubber (-10° ÷ +80°C)	008012	DN80 / 4,0MPa / Polyurethane (-20° ÷ +60°C)	008013	DN80 / 4,0MPa / PTFE (-40° ÷ +180°C)	010011	DN100 / 4,0MPa / Rubber (-10° ÷ +80°C)	010012	DN100 / 4,0MPa / Polyurethane (-20° ÷ +60°C)	010013	DN100 / 4,0MPa / PTFE (-40° ÷ +180°C)	010041	DN100 / 1,6Pa / Rubber (-10° ÷ +80°C)	010042	DN100 / 1,6MPa / Polyurethane (-20° ÷ +60°C)	010043	DN100 / 1,6MPa / PTFE (-40° ÷ +180°C)	012511	DN125 / 4,0MPa / Rubber (-10° ÷ +80°C)	012512	DN125 / 4,0MPa / Polyurethane (-20° ÷ +60°C)	012513	DN125 / 4,0MPa / PTFE (-40° ÷ +180°C)	012541	DN125 / 1,6MPa / Rubber (-10° ÷ +80°C)	012542	DN125 / 1,6MPa / Polyurethane (-20° ÷ +60°C)	012543	DN125 / 1,6MPa / PTFE (-40° ÷ +180°C)
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RPmag62 - Order codes

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		<table><tr><th>Code</th><th>DN flange / Max. pressure / Lining</th></tr><tr><td>015011</td><td>DN150 / 4,0MPa / Rubber (-10° ÷ +80°C)</td></tr><tr><td>015012</td><td>DN150 / 4,0MPa / Polyurethane (-20° ÷ +60°C)</td></tr><tr><td>015013</td><td>DN150 / 4,0MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>015041</td><td>DN150 / 1,6MPa / Rubber (-10° ÷ +80°C)</td></tr><tr><td>015042</td><td>DN150 / 1,6MPa / Polyurethane (-20° ÷ +60°C)</td></tr><tr><td>015043</td><td>DN150 / 1,6MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>020021</td><td>DN200 / 1,0MPa / Rubber (-10° ÷ +80°C)</td></tr><tr><td>020023</td><td>DN200 / 1,0MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>025021</td><td>DN250 / 1,0MPa / Rubber (-10° ÷ +80°C)</td></tr><tr><td>025023</td><td>DN250 / 1,0MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>030021</td><td>DN300 / 1,0MPa / Rubber (-10° ÷ +80°C)</td></tr><tr><td>030023</td><td>DN300 / 1,0MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>035021</td><td>DN350 / 1,0MPa / Rubber (-10° ÷ +80°C)</td></tr><tr><td>035023</td><td>DN350 / 1,0MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>040021</td><td>DN400 / 1,0MPa / Rubber (-10° ÷ +80°C)</td></tr><tr><td>040023</td><td>DN400 / 1,0MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>045021</td><td>DN450 / 1,0MPa / Rubber (-10° ÷ +80°C)</td></tr><tr><td>045023</td><td>DN450 / 1,0MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>050021</td><td>DN500 / 1,0MPa / Rubber (-10° ÷ +80°C)</td></tr><tr><td>050023</td><td>DN500 / 1,0MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>060021</td><td>DN600 / 1,0MPa / Rubber (-10° ÷ +80°C)</td></tr><tr><td>060023</td><td>DN600 / 1,0MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>070021</td><td>DN700 / 1,0MPa / Rubber (-10° ÷ +80°C)</td></tr><tr><td>070023</td><td>DN700 / 1,0MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>080021</td><td>DN800 / 1,0MPa / Rubber (-10° ÷ +80°C)</td></tr><tr><td>080023</td><td>DN800 / 1,0MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>090021</td><td>DN900 / 1,0MPa / Rubber (-10° ÷ +80°C)</td></tr><tr><td>090023</td><td>DN900 / 1,0MPa / PTFE (-40° ÷ +180°C)</td></tr><tr><td>100021</td><td>DN1000 / 1,0MPa / Rubber (-10° ÷ +80°C)</td></tr><tr><td>100023</td><td>DN1000 / 1,0MPa / PTFE (-40° ÷ +180°C)</td></tr></table>	Code	DN flange / Max. pressure / Lining	015011	DN150 / 4,0MPa / Rubber (-10° ÷ +80°C)	015012	DN150 / 4,0MPa / Polyurethane (-20° ÷ +60°C)	015013	DN150 / 4,0MPa / PTFE (-40° ÷ +180°C)	015041	DN150 / 1,6MPa / Rubber (-10° ÷ +80°C)	015042	DN150 / 1,6MPa / Polyurethane (-20° ÷ +60°C)	015043	DN150 / 1,6MPa / PTFE (-40° ÷ +180°C)	020021	DN200 / 1,0MPa / Rubber (-10° ÷ +80°C)	020023	DN200 / 1,0MPa / PTFE (-40° ÷ +180°C)	025021	DN250 / 1,0MPa / Rubber (-10° ÷ +80°C)	025023	DN250 / 1,0MPa / PTFE (-40° ÷ +180°C)	030021	DN300 / 1,0MPa / Rubber (-10° ÷ +80°C)	030023	DN300 / 1,0MPa / PTFE (-40° ÷ +180°C)	035021	DN350 / 1,0MPa / Rubber (-10° ÷ +80°C)	035023	DN350 / 1,0MPa / PTFE (-40° ÷ +180°C)	040021	DN400 / 1,0MPa / Rubber (-10° ÷ +80°C)	040023	DN400 / 1,0MPa / PTFE (-40° ÷ +180°C)	045021	DN450 / 1,0MPa / Rubber (-10° ÷ +80°C)	045023	DN450 / 1,0MPa / PTFE (-40° ÷ +180°C)	050021	DN500 / 1,0MPa / Rubber (-10° ÷ +80°C)	050023	DN500 / 1,0MPa / PTFE (-40° ÷ +180°C)	060021	DN600 / 1,0MPa / Rubber (-10° ÷ +80°C)	060023	DN600 / 1,0MPa / PTFE (-40° ÷ +180°C)	070021	DN700 / 1,0MPa / Rubber (-10° ÷ +80°C)	070023	DN700 / 1,0MPa / PTFE (-40° ÷ +180°C)	080021	DN800 / 1,0MPa / Rubber (-10° ÷ +80°C)	080023	DN800 / 1,0MPa / PTFE (-40° ÷ +180°C)	090021	DN900 / 1,0MPa / Rubber (-10° ÷ +80°C)	090023	DN900 / 1,0MPa / PTFE (-40° ÷ +180°C)	100021	DN1000 / 1,0MPa / Rubber (-10° ÷ +80°C)	100023	DN1000 / 1,0MPa / PTFE (-40° ÷ +180°C)
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RPMag62 - Order codes

RPMag62	Code	Version					
			Code	DN flange / Max. pressure / Lining			
			120031	DN1200 / 0,6MPa / Rubber (-10° ÷ +80°C)			
			140031	DN1400 / 0,6MPa / Rubber (-10° ÷ +80°C)			
			160031	DN1600 / 0,6MPa / Rubber (-10° ÷ +80°C)			
			999999	Special / Special / Special			
			Code	Electrodes material			
			1	Stainless steel 316Ti			
			2	Hastelloy B			
			3	Hastelloy C			
			4	Titanium			
			5	Tantalum			
			Code	Power supply			
			1	85÷265Vac 50÷60Hz			
			2	24Vdc			
			Code	Accessory			
			0	None			
			1	Grounding rings			
			2	Protective rings			
			Code	Output			
			1	Standard			
			2	RS485 (optional)			
			Code	Protection degree			
			1	IP65			
			2	IP68 (only for remote version)			
RPMag62	Y	005013	1	1	0	1	1

Order code example





CERT. N. 2032308

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