



WISE SENSOR INC.
PRE QUALIFICATION

PRESSURE TRANSMITTER TE
MPERATURE TRANSMITTER L
EVEL TRANSMITTER
DIGITAL INDICATOR

Contents

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02	Summary of company
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BRIEF HISTORY

01

Brief History

- Nov. 2018 Acquired certification of IECEx from KGS for P119P129 Pressure transmitter
- Mar. 2018 Acquired ISO 9001:2015 certification for QA System
- Dec. 2012 Acquired certification of IECEx from KGS for T700 and T800 Temperature transmitter
Acquired certification of IECEx from KGS for P700 and P800 Pressure transmitter
- Jun. 2007 Launched an UHP (BA grade) Pressure transmitter
Acquired certification of IECEx from KGS for T800 series Temperature transmitter
Acquired certification of IECEx from KGS for T700 series Temperature transmitter
- May. 2006 Launched an Sanitary Pressure transmitter
- Dec. 2001 Acquired a patent on a new device for Electrical contact Pressure transmitter
Acquired certification of IECEx from KGS for P700 and P800 Pressure transmitter
- Apr. 2001 Acquired certification of Declaration of conformity (CE) for P110, P120, P130 series Pressure transmitter
- Nov. 2000 Established the company in Gyeonggi-do, Rep. of Korea

SUMMARY of COMPANY

02

Summary of Company & Factory

Survey date : Feb. 10. 2020

Company

Original company name	WISE SENSOR INC.
Address	557, Dongtangiheung-ro, Hwaseong-si, Gyeonggi-do, 18469 Rep. of KOREA
Telephone no.	+82-31-287-3337
Fax no.	+28-31-287-3339
Business founded	2001.11.21
Capital	US\$ 88,235
Total number of employees	4
Total annual sales	US\$ 831,210
Name of parent company	WISE Control Inc.

Factory

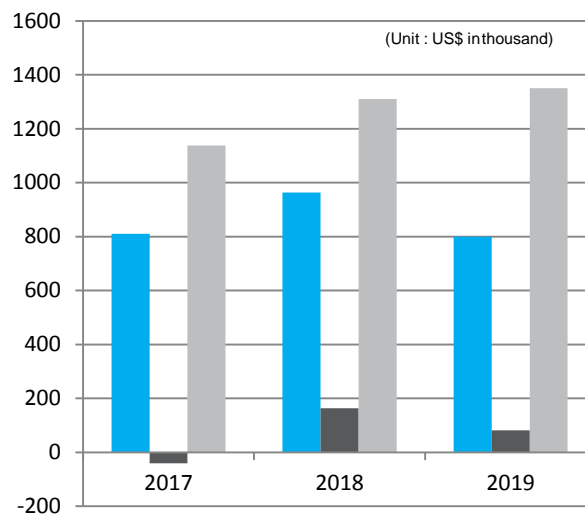
Original company name	WISE SENSOR INC.
Address	557, Dongtangiheung-ro, Hwaseong-si, Gyeonggi-do, 18469 Rep. of KOREA
Telephone no.	+82-31-287-3337
Fax no.	+28-31-287-3339
CEO	Park Ki-yong
Products	Pressure transmitter Temperature transmitter Level transmitter Digital indicator

Performance within 3 years

(Unit : US\$ in thousand)

	2017	2018	2019
Sales	810	964	800
Net Income	-41	163	82
Total assets	1,138	1,310	1,350

■ Sales
■ Net Income
■ Total Assets



BUSINESS EXPERIENCE LIST

03

Experience List

No.	Project name	Customer	Date delivered	Scope of supply
01		SAMSUNG ELECTRONICS	2016	Pressure transmitter
02		KEPCO	2015, 2016	Digital Pressure switch
03	Tire production process	KUMHO TIRE	2014	Pressure & temperature transmitter
04		SAMSUNG DISPLAY	2014	Pressure & temperature transmitter
05		HANWHA TECHWIN	2014	Pressure & temperature transmitter
06	Samsung digital city	SAMSUNG ELECTRONICS	2013	Pressure & temperature transmitter
07	ZID pilot plant	TAEYANG ENG	2013	Pressure transmitter / Digital indicator
08	Tire production process	KUMHO TIRE	2012	Pressure transmitter
09	RAS A ZAWRHRSG	Doosan heavy Industries	2012, 2011	Digital indicator
10		SAMSUNG ENG	2012, 2011	Pressure transmitter
11		LG PHILIPS LED	2008	Pressure & temperature transmitter
12	LNG Station	INCHEON CITY GAS	2006	Pressure transmitter
13		SEHA ENT	2005	Compact pressure transmitter
14		KYUNGIN ENG	2005	Pressure transmitter
15	Milk tank level	YONSE MILK	2005	Tank level transmitter
16		KOBEL	2005	Pressure transmitter
17	Tire production process	HANKOOK TIRE	2005	Pressure transmitter
18	Tire production process	KUMHO TIRE	2005	Pressure transmitter
19	Gas treatment process	SAMSUNG ELECTRONICS	2004	Pressure transmitter
20		LG PHILIPS LED	2004	Pressure & temperature transmitter
21	CNG compressor	HYOSUNG HEAVY IND.	2004	Pressure & temperature transmitter
22	CNG compressor	KWANGSIN MACINERY	2004	Pressure & temperature transmitter
23		KOREAN INSTITUTE OF ENERGY RESEARCH	2003	Pressure transmitter
24	Water treatment	KWATER Corp.	2003	Pressure transmitter
25	Compressor product	SAMSUNG TECHWIN	2003	Pressure transmitter
26	Continuous annealing process	POSCO POHANG	2002	Temperature transmitter

Organization



MAJOR PRODUCTS

04

Major products

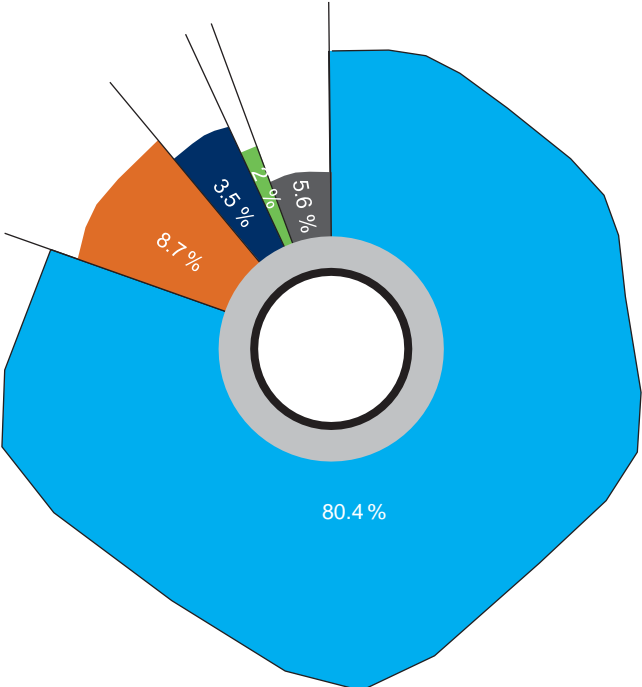
PRESSURE INSTRUMENT
General service pressure transmitter
High precision pressure transmitter
Sanitary pressure transmitter
UHP pressure transmitter (BA Grade)
Electrical contact type pressure transmitter
LED display pressure transmitter

TEMPERATURE INSTRUMENT
Temperature transmitter (RTD Sensor)
Head mounting type temperature transmitter
LED display temperature transmitter
Thermowell

LEVEL INSTRUMENT
Summersible level (RTD sensor)
Tank top mounting level transmitter
Tank side mounting level transmitter (L127, L72S, L727)

ELECTRONIC INSTRUMENT
Digital indicator
Field mounting indicator

- Pressure Transmitter T
- emperature transmitter
- Digital Indicator
- Level Transmitter
- Others



MANUFACTURE CAPABILITY

05

Manufacture capability

PRESSURE INSTRUMENT	500 ea / Month
TEMPERATURE INSTRUMENT	700 ea / Month
LEVEL INSTRUMENT	150 ea / Month
ELECTRONIC INSTRUMENT	200 ea / Month

Major facilities



Pressre controller



Pressre controller



Pressre controller

Major products

P115

General purpose pressure transmitter

A cylindrical stainless steel pressure transmitter with a black top cap and a threaded bottom. It has a label with technical specifications.

Ceramic 0.50 % | 0.5 - 0 ~ 500 bar | AL203

P116

General purpose pressure transmitter

A stainless steel pressure transmitter with a black top cap and a threaded bottom. It has a label with technical specifications.

Ceramic 0.50 % | 0.5 - 0 ~ 500 bar | AL203

P117

General purpose pressure transmitter

A stainless steel pressure transmitter with a black top cap and a threaded bottom. It has a label with technical specifications.

Ceramic 0.50 % | 0.5 - 0 ~ 500 bar | AL203

P118

Indicating type Differential pressure switch

A green industrial differential pressure switch with a chain and a threaded bottom. It has a label with technical specifications.

Ceramic 0.50 % | 0.5 - 0 ~ 500 bar | AL203

P119

Indicating type Differential pressure switch

A silver industrial differential pressure switch with a chain and a threaded bottom. It has a label with technical specifications.

Ceramic 0.50 % | 0.5 - 0 ~ 500 bar | AL203

P125

High precision pressure transmitter

A stainless steel high precision pressure transmitter with a black top cap and a threaded bottom. It has a label with technical specifications.

Silicone 0.25 % | 0.1 - 350 bar | 316LSS

Major products

P126

High precision pressure transmitter



Silicone 0.25 % | 0.1 – 350 bar | 316LSS

P127

High precision pressure transmitter



Silicone 0.25 % | 0.1 – 350 bar | 316LSS

P128

High precision pressure transmitter



Silicone 0.25 % | 0.1 – 350 bar | 316LSS

P129

High precision pressure transmitter



Silicone 0.25 % | 0.1 – 350 bar | 316LSS

P316

Compact pressure transmitter



Ceramic

P317

Compact pressure transmitter



Ceramic

Major products



Ceramic



Silicone



Silicone



Silicone 0.25%



Silicone 0.25%



Silicone 0.25%

Major products

P515

Flush mounted pressure transmitter

A cylindrical stainless steel pressure transmitter with a black top cap and a threaded bottom. It has a label with technical specifications.

Ceramic 0.50 % | 0.5 - 0 - 50 bar | AL203

P516

Flush mounted pressure transmitter

A stainless steel pressure transmitter with a black top cap and a 90-degree angled connection at the bottom. It has a label with technical specifications.

Ceramic 0.50 % | 0.5 - 0 - 50 bar | AL203

P517

Flush mounted pressure transmitter

A stainless steel pressure transmitter with a black top cap and a threaded bottom. It has a label with technical specifications.

Ceramic 0.50 % | 0.5 - 0 - 50 bar | AL203

P518

Flush mounted pressure transmitter

A green, dome-shaped pressure transmitter with a chain attached to the top. It has a label with technical specifications.

Ceramic 0.50 % | 0.5 - 0 - 50 bar | AL203

P525

Flush mounted pressure transmitter

A stainless steel pressure transmitter with a black top cap and a threaded bottom. It has a label with technical specifications.

Silicone 0.25 % | 0.5 - 0 - 35 bar | AL203

P526

Flush mounted pressure transmitter

A stainless steel pressure transmitter with a black top cap and a 90-degree angled connection at the bottom. It has a label with technical specifications.

Silicone 0.25 % | 0.1 - 35 bar | 316LSS

Major products

P527

Flush mounted pressure transmitter



Silicone 0.25% | 0.5 - 0 - 35 bar | AL203

P528

Flush mounted pressure transmitter



Silicone 0.25% | 0.5 - 0 - 35 bar | AL203

P710

Local display pressure transmitter



Local display silicone

P700

Local display pressure transmitter



Local display silicone

P800S

Digital gauge W/switch



Capacitance-ceramic

L72S

Level transmitter



Silicone

Majoy products

T156 / T158
Temperature transmitter



RTD

T710
Temperature transmitter




RTD

T700
Temperature transmitter



RTD

T900 / T990
Temperature transmitter



T990 : Input : RTD/PT 100Ω | Output : 4 ~ 20 mA, DC ±0.20 %
T900 : Input : Multi | Output : 4 ~ 20 mA, DC

GL-2L
Digital indicator



2 alarm | Loop power (DC 24 V, 2 wire) AC 110/220 V

E100
Local indicator



Input : 4 ~ 20 mA, DC

CERTIFICATES

06



사업자등록증

(법인사업자)

등록번호 : 135-81-42173

법인명 (단체명) : 주식회사와이즈센서
대표자 : 박기용

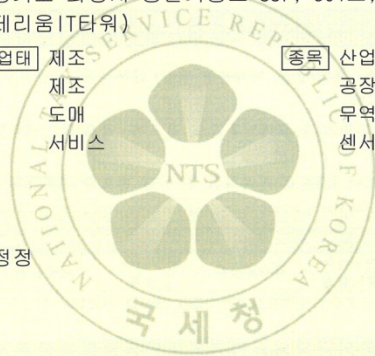
개업연월일 : 2000년 11월 29일 법인등록번호 : 134511-0045127

사업장소재지 : 경기도 화성시 동탄기흥로 557, 601호, 602호 (영천동, 금강펜 테리움 IT타워)

본점소재지 : 경기도 화성시 동탄기흥로 557, 601호, 602호 (영천동, 금강펜 테리움 IT타워)

사업의종류 : 업태 제조 종목 산업용계측기기
제조 공장자동화기기
도매 무역업
서비스 센서응용기술및연구개발

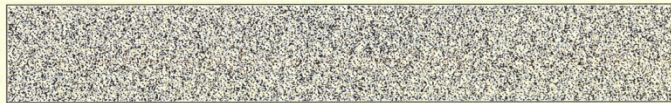
발급사유 : 정정



사업자 단위 과세 적용사업자 여부 : 여() 부(✓)
전자세금계산서 전용 전자우편주소 :

2018년 10월 15일

동수원세무서장



Declaration of Conformity

Reference Report No.: SKTCE-010607-123T

Regarding the Certification of products which are in the scope of the
Council directive(s) 89/336/EEC
the Manufacturer

WISE SENSOR INC.
#199 Sanggal-Ri, Kiheung-Eup, Yongin-City,
Kyunggi-Do, Korea

has demonstrated successfully that its product

**Pressure Transmitter
P116
(P115,P117,P118,P316,P317,P515,P516,P517,P518,P417)**

is in compliance with
EN 50081-1 : 1992 Class B (EMI)
EN 50082-2 : 1995 (EMS)
(EN 61000-4-2 : 1995 +A1 : 1998, ENV 50140 : 1994,
ENV 50204 : 1995, EN 61000-4-4 : 1995,
EN 61000-4-5 : 1995, ENV 50141 : 1993)

The above product's beginning Serial No. _____
Year of manufacture _____

We, the undersigned, hereby declare above equipment conforms
to the 89/336/EEC Directive(s)

Manufacturer

Full Name : WISE SENSOR INC.
Position : #199 Sanggal-Ri, Kiheung-Eup, Yongin-City
date : June 07, 2001

Declaration of Conformity

Reference Report No.: SKTCE-010607-121T

Regarding the Certification of products which are in the scope of the
Council directive(s) 89/336/EEC
the Manufacturer

WISE SENSOR INC.

**#199 Sanggal-Ri, Kiheung-Eup, Yongin-City,
Kyunggi-Do, Korea**

has demonstrated successfully that its product

Pressure Transmitter

P126

(P125,P127,P128,P326,P327,P525,P526,P527,P528)

is in compliance with

EN50081-1 : 1992 Class B (EMI)

EN50082-2 : 1995 (EMS)

(EN 61000-4-2 : 1995 +A1 : 1998, ENV 50140 : 1994,

ENV 50204 : 1995, EN 61000-4-4 : 1995,

EN 61000-4-5 : 1995, ENV 50141 : 1993)

The above product's beginning Serial No. _____

Year of manufacture _____

We, the undersigned, hereby declare above equipment conforms
to the 89/336/EEC Directive(s)

Manufacturer

Full Name : WISE SENSOR INC.
Position : #199 Sanggal-Ri, Kiheung-Eup, Yongin-City
Date : June 07, 2001

Ex



Certificate of Conformity

1. KGS No. 2001-1-018-Q1
2. This certificate is issued for the electrical apparatus
PRESSURE TRANSMITTER
3. Manufactured and submitted for certification by
WISE SENSOR, INC.
#199, Sanggal-Ri, Kiheung-Eup, Yongin-City, Kyunggi-Do, Korea
4. Rating:
Input : 24V dc Output : 1~5V dc 4~20mA
5. Type(Model):
P700
6. Relevant regulations:
IEC international standards 60079-0
IEC international standards 60079-1
7. This apparatus marking shall include the code:
Ex d IIC T6
8. Date of certificate:
April 20, 2001

A handwritten signature in black ink, appearing to read 'Y.S. Bang', is written over a horizontal dashed line.

Yong-Seok Bang
President

Korea Gas Safety Corporation
332-1, Daeya-Dong, Shihung-shi,
Kyunggi-Do, 429-712, Korea
Tel : 82 31 310 1548 Fax : 82 31 315 4365



실용신안등록증

등록 제 0238684 호

출원 번호 제 2001-0012188 호
출원 일 2001년 04월 27일
등록 일 2001년 07월 04일

고안의 명칭 압력계

실용신안권자 주식회사 와이즈센서(134511-0045127)
경기도 용인시 기흥읍 상갈리 199

고안자 박기용(571101-1320921)
서울특별시송파구풍납동219번지미성아파트3동602호

위의 고안은 실용신안법에 의하여 실용신안등록
원부에 등록되었음을 증명합니다.

2001년 07월 04일

특 허 정



이 실용신안권은 실용신안법 제44조에 의거 실용신안법 제25조제2항에 의한 등록유지결정을 받지 아니한 경우에는 이 실용신안권의 침해자 등에 대하여 그 권리를 행사할 수 없습니다.



제12-0771호

제발급번호-01

안 전 인 증 서

주식회사와이즈센서

경기도 화성시 동탄기흥로 557, 601호
(영천동, 금강펜테리움 IT 타워)

위 사업장에서 제조하는 아래의 품목이 「산업안전보건법」 제34조 및 같은 법 시행규칙 제58조의4제4항에 따른 안전인증 심사 결과 안전·보건기준에 적합하므로 안전인증표시의 사용을 인증합니다.

품 목

압력전송기(PRESSURE TRANSMITTER)

형식 · 모델 / 용량 · 등급 / 인증번호

형식·모델	용량 · 등급	인증번호
P700	Max. DC 36V	12-GA2BO-0771
	Ex d IIC T6	

인 증 기 준

방호장치 의무안전인증 고시(고용노동부고시 제2010-36호)

인 증 조 건

-20 ℃ ≤ Tamb ≤ +60 ℃, 뒷면 인증조건 참조

2012년 12월 14일

한국가스안전공사 사장





제12-0768호

제발급번호 01

안 전 인 증 서

주식회사와이즈센서

경기도 화성시 동탄기흥로 557, 601호
(영천동, 금강펜테리움 IT 타워)

위 사업장에서 제조하는 아래의 품목이 「산업안전보건법」 제34조 및 같은 법 시행규칙 제58조의4제4항에 따른 안전인증 심사 결과 안전·보건기준에 적합하므로 안전인증표시의 사용을 인증합니다.

품 목

압력전송기(PRESSURE TRANSMITTER)

형식·모델 / 용량·등급 / 인증번호

형식·모델	용량·등급	인증번호
P800	Max. DC 36V	12-GA2BO-0768
	Ex d IIC T6	

인 증 기 준

방호장치 의무안전인증 고시(고용노동부고시 제2010-36호)

인 증 조 건

-20 ℃ ≤ Tamb ≤ +60 ℃, 뒷면 인증조건 참조

2012년 12월 14일

한국가스안전공사 사장





제12-0770호

재발급번호-01

안 전 인 증 서

주식회사와이즈센서

경기도 화성시 동탄기흥로 557, 601호
(영천동, 금강펜테리움 IT 타워)

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품 목

온도전송기(TEMPERATURE TRANSMITTER)

형식 · 모델 / 용량 · 등급 / 인증번호

형식·모델	용량 · 등급	인증번호
T700	Max. DC 36V	12-GA2BO-0770
	Ex d IIC T6	

인 증 기 준

방호장치 의무안전인증 고시(고용노동부고시 제2010-36호)

인 증 조 건

-20 ℃ ≤ Tamb ≤ +60 ℃, 뒷면 인증조건 참조

2012 년 12 월 14 일

한국가스안전공사 사장





제12-0769호

재발급번호- 01

안 전 인 증 서

주식회사와이즈센서

경기도 화성시 동탄기흥로 557, 601호
(영천동, 금강펜테리움 IT 타워)

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품 목

온도전송기(TEMPERATURE TRANSMITTER)

형식 · 모델 / 용량 · 등급 / 인증번호

형식·모델	용량 · 등급	인증번호
T800	Max. DC 36V	12-GA2BO-0769
	Ex d IIC T6	

인 증 기 준

방호장치 의무안전인증 고시(고용노동부고시 제2010-36호)

인 증 조 건

-20 ℃ ≤ Tamb ≤ +60 ℃, 뒷면 인증조건 참조

2012년 12월 14일

한국가스안전공사 사장





제18-0632호

안전인증서

[취와이즈센서]

경기도 화성시 동탄기흥로 557 금강펜테리움 IT타워 601~602호

위 사업장에서 제조하는 아래의 품목이 「산업안전보건법」 제34조 및 같은 법 시행규칙 제58조의4제4항에 따른 안전인증 심사 결과 안전·보건기준에 적합하므로 안전인증표시의 사용을 인증합니다.

품 목

Pressure Transmitter

형식·모델 / 용량·등급 / 인증번호

형식·모델	용량·등급	인증번호
P119P129	Max DC 36V Ex d IIC T6 (IP65)	18-GA2BO-0632X

인증기준

방호장치 의무안전인증 고시(고용노동부고시 제2016-54호)

인증조건

-20 ℃ ≤ Tamb ≤ +60 ℃, 뒷면 사용조건 참조

2018년 11월 30일

한국가스안전공사 사장



WISE SENSOR