

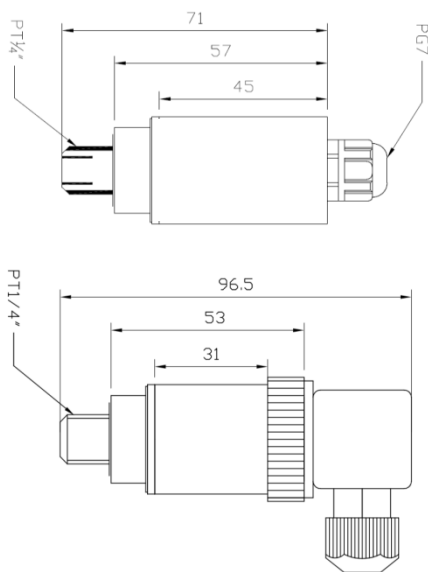
Pressure Transmitter DP10 Series

Features

- Excellent temperature compensation
- Excellent for pneumatic and hydraulic measurements
- Excellent precision and low temperature drift



Dimension



Specification

MODEL	DP10
Burst Pressure (Min.)	2*F.S
Accuracy	±0.5% F.S
Applicable Media	Gases and Fluid
Supply Voltage	DC 24V
Output	4~20mA, 1~5V, 0~5V, 0~10V
Current Consumption	30mA (Max.)
Working Temp	-20~85°C (non-frozen state)
Working Humidity	35~85%
Pressure Port Configuration	PT, NPT, PF, VCR
Material	PLUG : SUS316 BODY : PP
Repeatability	±0.5% F.S
Response Time	135ms

MODEL SELECTION

DP10

① ②

③

④ ⑤ ⑥

⑦ ⑧

① Fitting		② Fitting Size		③ Output		④ Min Range		⑤ Max Range		⑥ Unit		⑦ Connection	
P	PT	2	1/4	0	0 ~ 10 V	무기압	0	100	100	Kg	Kg	C	Cable 1.5M
N	NPT	3	3/8	1	1 ~ 5 V	±	~ Max	500	500	B	Bar	D	DIN Conn
F	PF	4	1/2	4	4 ~ 20 mA	V	Vacuum	1000	1000	mmH2O	mmH2O	⑧ O-Ring(Optional)	
V	VCR			5	0 ~ 5 V					KPa	KPa		
										Torr	Torr		
										M	MPa	무기압	EPDM
												P	Perfloure

※Please contact us for special order specifications.

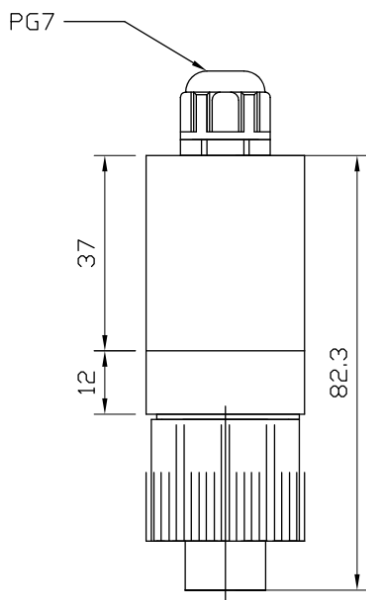
Pressure Transmitter DP10 TEF Series

Features

- Excellent temperature compensation
- Excellent for pneumatic and hydraulic measurements
- Excellent precision and low temperature drift
- competitive price
- Resistant to chemicals



Dimension



Specification

MODEL	DP10 TEF
Pressure Range	0~1000 kPa(10 Bar)
Accuracy	±0.5% F.S
Applicable Media	Corrosive Gases and Chemicals
Supply Voltage	DC 24V
Output	4~20mA, 1~5V, 0~5V, 0~10V
Current Consumption	30mA (Max.)
Working Temp	Default: -20~80°C (non-frozen state) Fitting HS: -20~180°C
Working Humidity	35~85%
Pressure Port Configuration	PT, NPT, PILLAR SUPER 300, MALE FLARE
Material	PLUG : PTFE BODY : PP
Repeatability	±0.5% F.S
Response Time	135ms

MODEL SELECTION

DP10 TEF

① ②

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④ ⑤ ⑥

⑦ ⑧

① Fitting	② Fitting Size	③ Output	④ Min Range	⑤ Max Range	⑥ Unit	⑦ Connection
P	PT	2 1/4	0 0 ~ 10 V	무기입 0	100 100	Kg Kg
N	NPT	3 3/8	1 1 ~ 5 V	± - Max	500 500	B Bar
S	PILLAR SUPER 300	4 1/2	4 4 ~ 20 mA	1000 1000	mmH2O mmH2O	⑧ O-Ring(Optional)
HS	High Temp PILLAR SUPER 300	5 0 ~ 5 V			KPa KPa	
					Torr Torr	
L	MALE FLARE				M MPa	
						무기입 Perfluore
						K KALREZ
						V Acid Viton

※Please contact us for special order specifications.

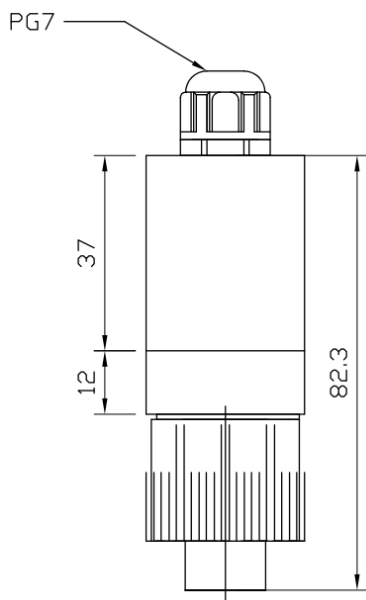
Pressure Transmitter DP10 HF Series

Features

- Excellent temperature compensation
- Excellent for pneumatic and hydraulic measurements
- Excellent precision and low temperature drift
- competitive price
- Resistant to chemicals
- Resistant to permeable gases (HF)



Dimension



Specification

MODEL	DP10 HF
Pressure Range	0~1000 kPa(10 Bar)
Accuracy	±0.5% F.S
Applicable Media	Corrosive Gases and Chemicals
Supply Voltage	DC 24V
Output	4~20mA, 1~5V, 0~5V, 0~10V
Current Consumption	30mA (Max.)
Working Temp	Default: -20~80°C (non-frozen state) Fitting HS: -20~180°C
Working Humidity	35~85%
Pressure Port Configuration	PT, NPT, PILLAR SUPER 300, MALE FLARE
Material	PLUG : PTFE BODY : IVORY PP
Repeatability	±0.5% F.S
Response Time	135ms

MODEL SELECTION

DP10 HF

① ②

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④ ⑤ ⑥

⑦ ⑧

① Fitting	② Fitting Size	③ Output	④ Min Range	⑤ Max Range	⑥ Unit	⑦ Connection
P PT	2 1/4	0 0 ~ 10 V	무기입	0	Kg	C Cable 1.5M
N NPT	3 3/8	1 1 ~ 5 V	±	500	B Bar	
S PILLAR SUPER 300	4 1/2	4 4 ~ 20 mA		1000	mmH2O	
HS High Temp PILLAR SUPER 300		5 0 ~ 5 V			KPa	
L MALE FLARE					Torr	
					M	

※Please contact us for special order specifications.

⑧
O-Ring(Optional)

무기입
Perfluore
K
KALREZ

Pressure Transmitter DP15 TEF Series

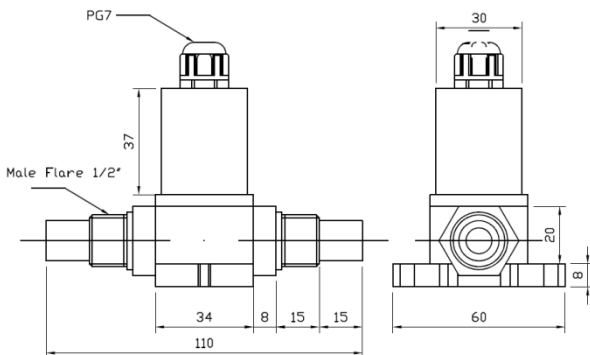


Features

- Excellent temperature compensation
- Excellent for pneumatic and hydraulic measurements
- Excellent precision and low temperature drift
- competitive price
- Resistant to chemicals
- Can be connected directly to piping



Dimension



Specification

MODEL	DP15 TEF
Pressure Range	0~1000 kPa(10 Bar)
Accuracy	±0.5% F.S
Applicable Media	Corrosive Gases and Chemicals
Supply Voltage	DC 24V
Output	4~20mA, 1~5V, 0~5V, 0~10V
Current Consumption	30mA (Max.)
Working Temp	-20~80°C (non-frozen state)
Working Humidity	35~85%
Pressure Port Configuration	PILLAR SUPER 300, MALE FLARE
Material	PLUG : PTFE BODY : PP
Repeatability	±0.5% F.S
Response Time	135ms

MODEL SELECTION

DP15 TEF

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④ ⑤ ⑥

⑦ ⑧

① Fitting		② Fitting Size		③ Output		④ Min Range		⑤ Max Range		⑥ Unit		⑦ Connection		
S	PILLAR SUPER 300	2	1/4	0	0 ~ 10 V	무기입	0	100	100	Kg	Kg	C	Cable 1.5M	
		3	3/8	1	1 ~ 5 V			500	500	B	Bar			
L	MALE FLARE	4	1/2	4	4 ~ 20 mA	±	- Max	1000	1000	mmH2O	mmH2O	⑧ O-Ring(Optional)		
				5	0 ~ 5 V					KPa	KPa			
				Torr	Torr					무기입	Perfluore			
										M	MPa	K	KALREZ	

※Please contact us for special order specifications.

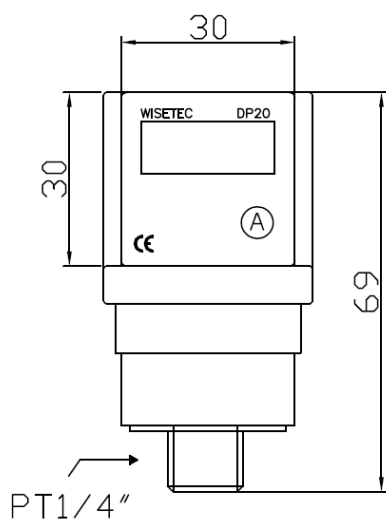
Pressure Transmitter DP20 Series

Features

- Excellent temperature compensation
- Excellent for pneumatic and hydraulic measurements
- Excellent precision and low temperature drift
- competitive price
- Easy zero calibration with Auto Zero button



Dimension



Specification

MODEL	DP20
Burst Pressure (Min.)	2*F.S
Accuracy	±0.5% F.S
Applicable Media	Gases and Fluid
Supply Voltage	DC 24V
Output	4~20mA, 1~5V
Current Consumption	60mA (Max.)
Working Temp	-20~60°C (non-frozen state)
Working Humidity	35~85%
Pressure Port Configuration	PT, NPT, PF, VCR
Material	PLUG : SUS 316
	BODY : ABS
Repeatability	±0.5% F.S
Response Time	135ms

MODEL SELECTION

DP20		① ②		③		④ ⑤ ⑥		⑦ ⑧					
① Fitting		② Fitting Size		③ Output		④ Min Range		⑤ Max Range		⑥ Unit		⑦ Connection	
P	PT	2	1/4	1	1 ~ 5 V	무기압	0	100.0	100.0	Kg	Kg	C	Cable 1.5M
N	NPT	3	3/8	4	4 ~ 20 mA	±	~ Max	100	100	B	Bar	⑧ O-Ring(Option) 무기압EPDM PPerfloure	
F	PF	4	1/2			V	Vacuum	500	500	mmH2O	mmH2O		
V	VCR							1000	1000	KPa	KPa		
										Torr	Torr		
										M	MPa		
※Please contact us for special order													

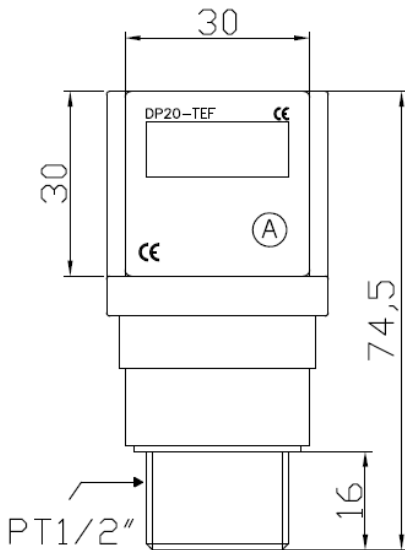
※Please contact us for special order specifications.

Pressure Transmitter DP20 TEF Series

Features

- Excellent temperature compensation
- Excellent for pneumatic and hydraulic measurements
- Excellent precision and low temperature drift
- competitive price
- Resistant to chemicals

Dimension



Specification

MODEL	DP20 TEF
Pressure Range	0~1000 kPa(10 Bar)
Accuracy	±0.5% F.S
Applicable Media	Corrosive Gases and Chemicals
Supply Voltage	DC 24V
Output	4~20mA, 1~5V
Current Consumption	60mA (Max.)
Working Temp	Default: -20~80°C (non-frozen state) Fitting HS: -20~180°C
Working Humidity	35~85%
Pressure Port Configuration	PT, NPT, PILLAR SUPER 300, MALE FLARE
Material	PLUG : PTFE BODY : ABS, PP
Repeatability	±0.5% F.S
Response Time	135ms

MODEL SELECTION

DP20 TEF

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④ ⑤ ⑥

⑦ ⑧

① Fitting		② Fitting Size		③ Output		④ Min Range		⑤ Max Range		⑥ Unit		⑦ Type	
P	PT	2	1/4	1	1 ~ 5 V	무기입	0	100.0	100.0	Kg	Kg	C	Cable 1,5N
N	NPT	3	3/8	4	4 ~ 20 mA	±	- Max	100	100	B	Bar		
S	PILLAR SUPER 300	4	1/2					500	500	mmH2O	mmH2O		
HS	High Temp PILLAR SUPER 300							1000	1000	KPa	KPa	⑧ O-Ring(Optional) 무기입 Perfluore K KALREZ	
L	MALE FLARE									Torr	Torr		
										M	MPa		

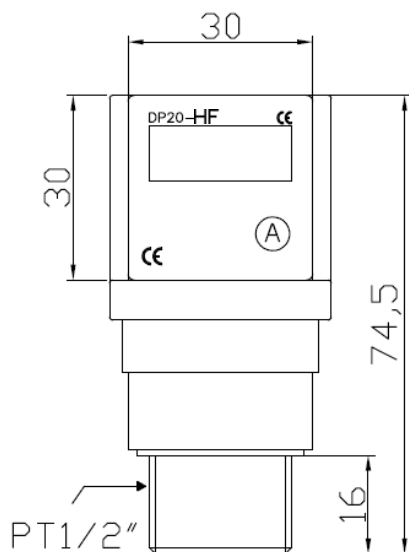
※Please contact us for special order specifications.

Pressure Transmitter DP20 HF Series

Features

- Excellent temperature compensation
- Excellent for pneumatic and hydraulic measurements
- Excellent precision and low temperature drift
- competitive price
- Resistant to chemicals
- Resistant to permeable gases (HF)

Dimension



Specification

MODEL	DP20 TEF
Pressure Range	0~1000 kPa(10 Bar)
Accuracy	±0.5% F.S
Applicable Media	Corrosive Gases and Chemicals (HF)
Supply Voltage	DC 24V
Output	4~20mA, 1~5V
Current Consumption	60mA (Max.)
Working Temp	Default: -20~80°C (non-frozen state) Fitting HS: -20~180°C
Working Humidity	35~85%
Pressure Port Configuration	PT, NPT, PILLAR SUPER 300, MALE FLARE
Material	PLUG : PTFE BODY : ABS, PP
Repeatability	±0.5% F.S
Response Time	135ms

MODEL SELECTION

DP20 HF

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④ ⑤ ⑥

⑦ ⑧

① Fitting	② Fitting Size	③ Output	④ Min Range	⑤ Max Range	⑥ Unit	⑦ Connection
P PT	2 1/4	1 1 ~ 5 V	무기입 0	100.0 100.0	Kg Kg	C Cable 1.5M
N NPT	3 3/8	4 4 ~ 20 mA	± - Max	100 100	B Bar	
S PILLAR SUPER 300	4 1/2			500 500	mmH2O mmH2O	
HS High Temp PILLAR SUPER 300				1000 1000	KPa KPa	
L MALE FLARE					Torr Torr	

⑧
O-Ring(Optional)

무기입
K

Perfluore
KALREZ

※Please contact us for special order specifications.

Pressure Transmitter

DP50 Liquid Series



Features

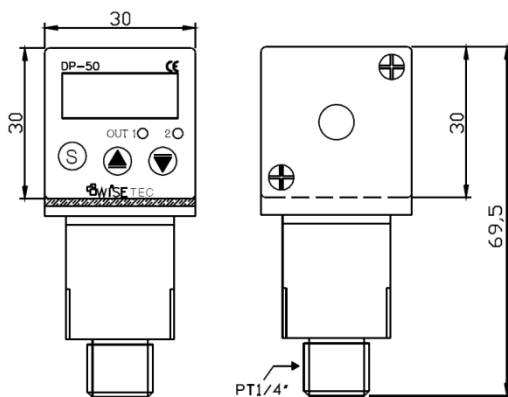
- Excellent temperature compensation
- Excellent for pneumatic and hydraulic measurements
- Excellent precision and low temperature drift
- competitive price
- FND Display with excellent visible effect
- 4~20mA, 1~5V, 0~5V, 0~10V analog output
- NPN, PNP Transistor output
- Various MENU setting functions
- Easy to use



Specification

MODEL	DP50 Liquid
Pressure Range	-0.01~35 MPa(350 Bar)
Burst Pressure (Min.)	2*F.S
Accuracy	±0.5% F.S
Applicable Media	Gases and Fluid
Supply Voltage	24 VDC
Current Consumption	70mA (Max.)
Output	NPN or PNP
Analog Output	4~20mA, 0~5V, 0~10V, 1~5V RS 485 Modbus RTU (Option)
Working Temp	-20~85°C (non-frozen state)
Working Humidity	35~85%
Pressure Port Configuration	PT, NPT, PF, VCR
Material	PLUG : SUS 316 BODY : ABS
Connection Cable	5P ·Φ4mm ·1.5m
Weight	300g
Repeatability	±0.5% F.S
Response Time	135ms

Dimension



MODEL SELECTION

DP50		① ②		③ ④ ⑤		⑥ ⑦ ⑧		⑨		⑩					
① Fitting		② Fitting Size		④ Output		⑥ Min Range		⑦ Max Range		⑧ Unit		⑨ O-Ring(Optional)			
P	PT	2	1/4	0	0 ~ 10 V	무기입	0	100.0	100.0	Kg	Kg	L	EPDM		
N	NPT	3	3/8	1	1 ~ 5 V	±	Max	100	100	B	Bar	P	Perfloure		
F	PF	4	1/2	4	4 ~ 20 mA	V	Vacuum	500	500	mmH2O	mmH2O	⑩ Mount			
V	VCR	③ Transistor		5	0 ~ 5 V	⑤ RS485(Optional)		1000	1000	KPa	KPa				
								Torr	Torr						
								M	MPa						
		N	NPN									B	PIPE		
		P	PNP									P	PANEL		
				無 기입	No Option										
				C	Modbus RTU										

※Please contact us for special order specifications.

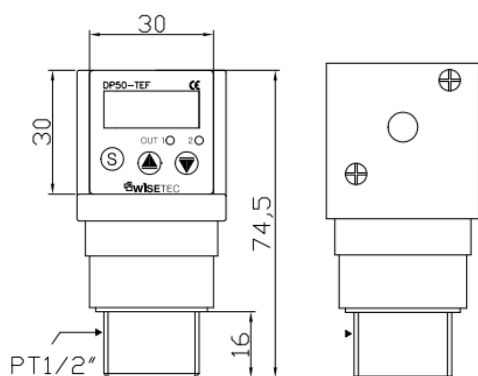
※Please contact us for special order specifications.

Pressure Transmitter DP50 TEF Series

Features

- Excellent temperature compensation
- Excellent for pneumatic and hydraulic measurements
- Excellent precision and low temperature drift
- competitive price
- FND Display with excellent visible effect
- 4~20mA, 1~5V, 0~5V, 0~10V analog output
- NPN, PNP Transistor output
- Various MENU setting functions
- Easy to use
- Resistant to chemicals

Dimension



MODEL SELECTION

DP50 TEF

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③ ④

⑤ ⑥ ⑦

⑧ ⑨

① Fitting		② Fitting Size		③ Transistor		④ Output		⑤ Min Range		⑦ Unit		⑦ Type	
P	PT	2	1/4	N	NPN	0	0 ~ 10 V	무기입	0	Kg	Kg	C	Cable 1.5M
N	NPT	3	3/8	P	PNP	1	1 ~ 5 V	±	- Max	B	Bar		
S	PILLAR SUPER 300	4	1/2			4	4 ~ 20 mA			mmH2O	mmH2O		
HS	High Temp PILLAR SUPER 300					5	0 ~ 5 V	⑥ Max Range		KPa	KPa	⑧ O-Ring(Optional)	
L	MALE FLARE							100.0	100.0	Torr	Torr		
								100	100				
								500	500				
								1000	1000				
												무기입	Perfloure
												K	KALREZ

※Please contact us for special order specifications.

Contact Us : wisetec7@nate.com Tel) 02-6299-5299



Specification

MODEL	DP50 TEF
Pressure Range	0~1000 kPa(10 Bar)
Accuracy	±0.5% F.S
Applicable Media	Corrosive Gases and Chemicals
Supply Voltage	24 VDC
Current Consumption	70mA (Max.)
Transistor Output	NPN or PNP
Analog Output	4~20mA, 0~5V, 0~10V, 1~5V
Working Humidity	35~85%
Pressure Port Configuration	PT, NPT, PILLAR SUPER 300, MALE FLARE
Working Temp	Default: -20~80°C (non-frozen state) Fitting HS: -20~180°C
Material	PLUG : PTFE BODY : ABS, PP
Connection Cable	5P ·Φ4mm ·1.5m
Weight	300g
Repeatability	±0.5% F.S
Response Time	135ms

Pressure Transmitter DP50 HF Series

Features

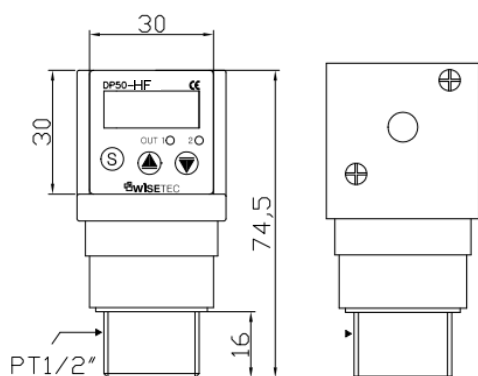
- Excellent precision and low temperature drift
- competitive price
- FND Display with excellent visible effect
- 4~20mA, 1~5V, 0~5V, 0~10V analog output function
- NPN, PNP Transistor output function
- Various MENU setting functions Easy to use
- Resistant to chemicals
- Resistant to permeable gases (HF)



Specification

MODEL	DP50 HF
Pressure Range	0~1000 kPa(10 Bar)
Accuracy	±0.5% F.S
Applicable Media	Corrosive Gases and Chemicals (HF)
Supply Voltage	24 VDC
Current Consumption	70mA (Max.)
Transistor Output	NPN or PNP
Analog Output	4~20mA, 0~5V, 0~10V, 1~5V
Working Humidity	35~85%
Pressure Port Configuration	PT, NPT, PILLAR SUPER 300, MALE FLARE
Working Temp	Default: -20~80°C (non-frozen state) Fitting HS: -20~180°C
Material	PLUG : PTFE BODY : ABS, PP
Connection Cable	5P · Φ4mm · 1.5m
Weight	300g
Repeatability	±0.5% F.S
Response Time	135ms

Dimension



MODEL SELECTION

DP50 HF

① ②

③ ④

⑤ ⑥ ⑦

⑧ ⑨

① Fitting		② Fitting Size		③ Transistor		④ Output		⑤ Min Range		⑦ Unit		⑦ Type	
P	PT	2	1/4	N	NPN	0	0 ~ 10 V	무기입	0	Kg	Kg	C	Cable 1.5M
N	NPT	3	3/8	P	PNP	1	1 ~ 5 V	±	- Max	B	Bar		
S	PILLAR SUPER 300	4	1/2			4	4 ~ 20 mA			mmH2O	mmH2O		
HS	High Temp PILLAR SUPER 300					5	0 ~ 5 V	⑥ Max Range		KPa	KPa	⑧ O-Ring(Optional)	
L	MALE FLARE							100.0	100.0	Torr	Torr		
								100	100				
								500	500				
								1000	1000				
												무기입	Perfloure
												K	KALREZ

※Please contact us for special order specifications.

Pressure Transmitter DP50 Air Series



Features

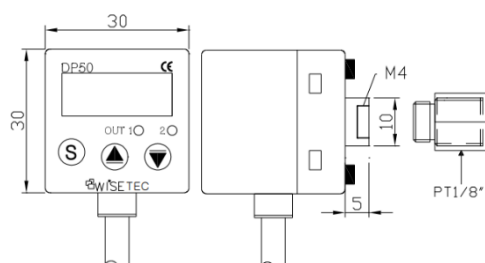
- Excellent temperature compensation
- Excellent for pneumatic measurements
- Excellent precision and low temperature drift
- competitive price
- FND Display with excellent visible effect
- 4~20mA, 1~5V, 0~5V, 0~10V analog output
- NPN, PNP Transistor output
- Various MENU setting functions
- Easy to use



Specification

MODEL	DP50 AIR
Max Range	0.5MPa ~ 1MPa(10Bar)
Burst Pressure (Min.)	2*F.S
Accuracy	±0.5% F.S
Applicable Media	Non-Corrosive Gas
Supply Voltage	24 VDC
Current Consumption	70mA (Max.)
Output	NPN or PNP
Analog Output	4~20mA, 0~5V, 0~10V, 1~5V
Working Temp	-20~85°C (non-frozen state)
Working Humidity	35~85%
Pressure Port Configuration	FEMALE PT 1/8
Material	Front & Rear Cover : ABS
Connection Cable	5P ·Φ4mm ·1.5m
Weight	80g
Repeatability	±1% F.S
Response Time	135ms

Dimension



MODEL SELECTION

DP50 — ① ② — ③ ④ ⑤ — ⑥

① Transistor		② Output		③ Min Range		④ Max Range		⑤ Unit		⑥ Media	
N	NPN	0	0 ~ 10 V	무기입	0	10.0	10.0	Kg	Kg	A	AIR
P	PNP	1	1 ~ 5 V	±	Max	0.50	0.50	B	Bar		
		4	4 ~ 20 mA			1.00	1.00	KPa	KPa		
		5	0 ~ 5 V					MPa	MPa		

※Please contact us for special order specifications.

Differential Pressure Transmitter

WTDM-100 Series

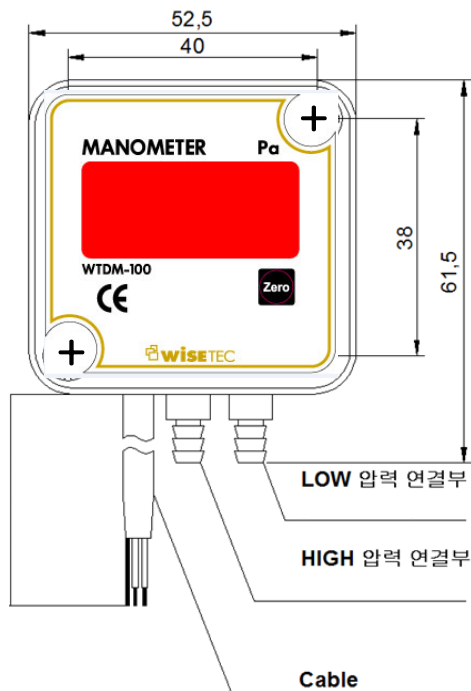


Features

- FND Display with excellent visible effect
- 4~20mA, 1~5V analog output
- Specialized appearance for wall fixing
- Auto zero calibration function
- Easy to use



Dimension



Specification

MODEL	WTDM-100
Burst Pressure (Min.)	2*F.S
Accuracy	±1% F.S
Applicable Media	AIR
Supply Voltage	DC 24V
Output	4~20mA, 1~5V
Current Consumption	60mA (Max.)
Working Temp	-20~60°C (non-frozen state)
Working Humidity	35~85%
Pressure Port	6*4Ø TUBE
Material	BODY : ABS
Repeatability	±1% F.S
Response Time	135ms

MODEL SELECTION

WTDM-100

① ②

③

D24

① Output		② Display		③ Range	
1	1 ~ 5 V	무기입	Display 有	750	0 ~ 750 Pa
4	4 ~ 20 mA	X	Display 無	1000	0 ~ 1000 Pa

※Please contact us for special order specifications.

Differential Pressure Transmitter

WTDM-100 Alarm Type

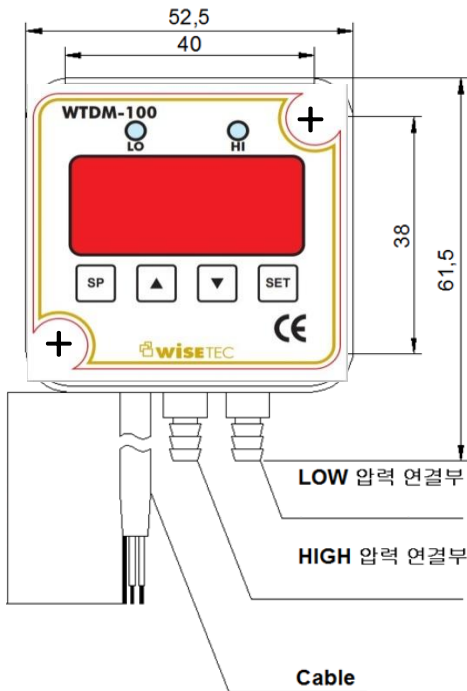


Features

- FND Display with excellent visible effect
- 4~20mA, 1~5V, 0~5V, 0~10V analog output
- Specialized appearance for wall fixing
- Relay, Transistor Alarm output
- Easy to use



Dimension



Specification

MODEL	WTDM-100
Burst Pressure (Min.)	2*F.S
Accuracy	±1% F.S
Applicable Media	AIR
Supply Voltage	DC 24V
Analog Output	4~20mA, 0~5V, 0~10V, 1~5V RS 485 Modbus RTU (Option)
Alarm	NPN, PNP, Relay
Current Consumption	60mA (Max.)
Working Temp	-20~60°C (non-frozen state)
Working Humidity	35~85%
Pressure Port	6*4Ø TUBE
Material	BODY : ABS
Repeatability	±1% F.S
Response Time	135ms

MODEL SELECTION

WTDM-100		① ② ③		④ ⑤ ⑥		D24					
① Alarm		② Output		③ RS485(Optional)		④ Min Range		⑤ Max Range		⑥ Unit	
N	NPN TR	0	0 ~ 10 V	無 기입	No Option	무기입	0	100.0	100.0	無 기입	Pa
P	PNP TR	1	1 ~ 5 V	C	Modbus RTU	±	~ Max	100	100	KPa	KPa
R	RELAY	4	4 ~ 20 mA			500	500	mmH2O	mmH2O		
		5	0 ~ 5 V			1000	1000	mmHg	mmHg		
										Torr	Torr

※Please contact us for special order specifications.

Differential Pressure Transmitter

WTDM-200 Series

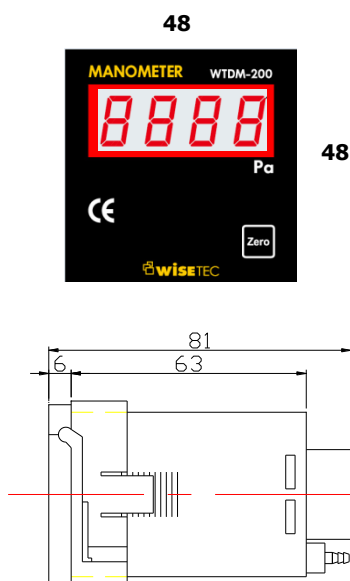


Features

- FND Display with excellent visible effect
- 4~20mA, 1~5V analog output
- Specialized appearance for panel fixing (48mm x 48mm)
- Auto zero calibration function
- Easy to use



Dimension



Specification

MODEL	WTDM-200
Burst Pressure (Min.)	2*F.S
Accuracy	±1% F.S
Applicable Media	AIR
Supply Voltage	DC 24V
Output	4~20mA, 1~5V
Current Consumption	60mA (Max.)
Working Temp	-20~60°C (non-frozen state)
Working Humidity	35~85%
Pressure Port	6*4Ø TUBE
Material	BODY : ABS
Repeatability	±1% F.S
Response Time	135ms

MODEL SELECTION

WTDM-200	—	①	—	②	—	D24
		① Output			② Range	
1	1 ~ 5 V		750	0 ~ 750 Pa		
4	4 ~ 20 mA		1000	0 ~ 1000 Pa		

※Please contact us for special order specifications.

Differential Pressure Transmitter

WTDM-300 Series

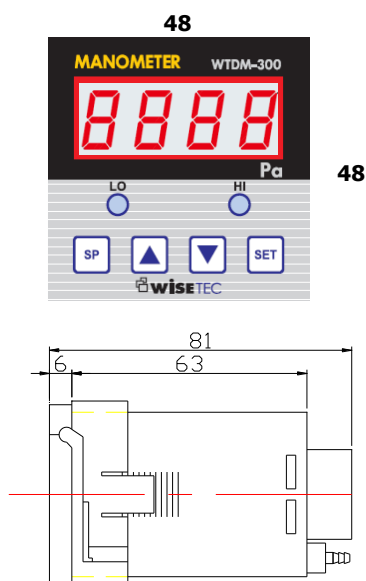


Features

- FND Display with excellent visible effect
- 4~20mA, 1~5V, 0~5V, 0~10V analog output
- NPN, PNP Transistor output
- Specialized appearance for panel fixing (48mm x 48mm)
- Various MENU setting functions
- Easy to use
- RS 485 (Modbus RTU) communication function



Dimension



Specification

MODEL	WTDM-300
Burst Pressure (Min.)	2*F.S
Accuracy	±1% F.S
Applicable Media	AIR
Supply Voltage	DC 24V
Output	4~20mA, 1~5V, 0~5V, 0~10V RS 485 Modbus RTU(Optional)
Transistor Output	NPN, PNP
Current Consumption	60mA (Max.)
Working Temp	-20~60°C (non-frozen state)
Working Humidity	35~85%
Pressure Port	6*4Ø TUBE
Material	BODY : ABS
Repeatability	±1% F.S
Response Time	135ms

MODEL SELECTION

WTDM-300

① ② ③

④ ⑤ ⑥

D24

① Transistor		② Output		③ RS485(Optional)		④ Min Range		⑤ Max Range		⑥ Unit	
N	NPN	0	0 ~ 10 V	無 기입	No Option	무기입	0	100.0	100.0	無 기입	Pa
P	PNP	1	1 ~ 5 V	C	Modbus RTU	±	- Max	100	100	KPa	KPa
		4	4 ~ 20 mA					500	500	mmH2O	mmH2O
		5	0 ~ 5 V					1000	1000	mmHg	mmHg
										Torr	Torr

※Please contact us for special order specifications.

Differential Pressure Transmitter

WTDM-550 Series

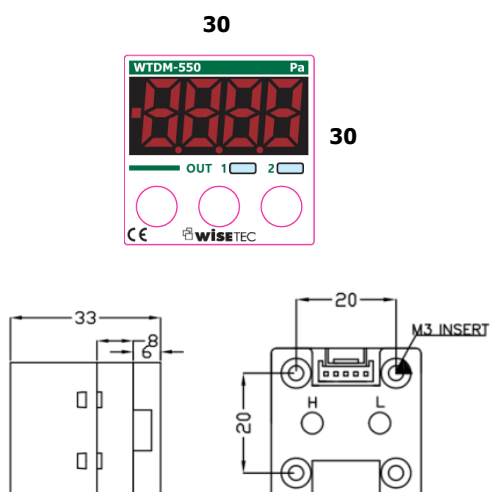


Features

- FND Display with excellent visible effect
- Supports various output functions 4~20mA, 1~5V, 0~5V, 0~10V ,RS485(Optional)
- NPN, PNP Transistor output
- Small shape advantageous for semiconductor equipment (30mm x 30mm)
- Various MENU setting functions
- Easy to use
- Connector type for easy installation and replacement



Dimension



Specification

MODEL	WTDM-300
Burst Pressure (Min.)	2*F.S
Accuracy	±1% F.S
Applicable Media	AIR
Supply Voltage	DC 24V
Output	4~20mA, 1~5V, 0~5V, 0~10V RS 485 Modbus RTU(Optional)
Transistor Output	NPN, PNP
Current Consumption	60mA (Max.)
Working Temp	0~60°C (non-frozen state)
Working Humidity	35~85% (non-condensation)
Pressure Port	6*4Ø TUBE
Material	BODY : ABS
Repeatability	±1% F.S
Response Time	700msec (based on 100%→0% fall)

MODEL SELECTION

WTDM-550

① ②

③ ④ ⑤

⑦ ⑧

① Transistor		② Output		③ Min Range		④ Max Range		⑤ Unit		⑦ Pressure port		⑧ Bracket	
N	NPN	0	0 ~ 10 V	무기압	0	100.0	100.0	無 기압	Pa	M	M5(F)	B	Bracket
P	PNP	1	1 ~ 5 V			100	100	KPa	KPa	N	Ø5 Nipple	C	Bracket, Cover
C	RS485	4	4 ~ 20 mA	±	- Max	500	500	mmH2O	mmH2O				
		5	0 ~ 5 V			1000	1000	mmHg	mmHg				
								Torr	Torr				

※Please contact us for special order specifications.

Differential Pressure Transmitter

WTDM-700 Series

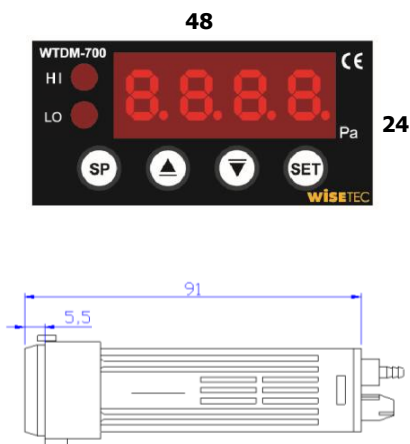
CE

Features

- FND Display with excellent visible effect
- 4~20mA, 1~5V, 0~5V, 0~10V analog output
- NPN, PNP Transistor output or Relay output
- Small shape advantageous for semiconductor equipment (48mm x 24mm)
- Various MENU setting functions
- Easy to use



Dimension



Specification

MODEL	WTDM-700
Burst Pressure (Min.)	2*F.S
Accuracy	±1% F.S
Applicable Media	AIR
Supply Voltage	DC 24V
Analog Output	4~20mA, 1~5V, 0~5V, 0~10V
Transistor / Relay Output	NPN, PNP, Relay
Current Consumption	60mA (Max.)
Working Temp	-20~60°C (non-frozen state)
Working Humidity	35~85%
Pressure Port	6*40 TUBE
Material	BODY : ABS
Repeatability	±1% F.S
Response Time	135ms

MODEL SELECTION

WTDM-700		① ②		③ ④ ⑤		D24			
① TR / Relay		② Output		③ Min Range		④ Max Range		⑤ Unit	
N	NPN	0	0 ~ 10 V	무기입	0	100.0	100.0	無 기입	Pa
P	PNP	1	1 ~ 5 V	±	- Max	100	100	KPa	KPa
R	Relay	4	4 ~ 20 mA			500	500	mmH2O	mmH2O
		5	0 ~ 5 V			1000	1000	mmHg	mmHg
								Torr	Torr

※Please contact us for special order specifications.

Contact Us : wisetec7@nate.com Tel) 02-6299-5299

Differential Pressure Transmitter

WTDM-750 Series

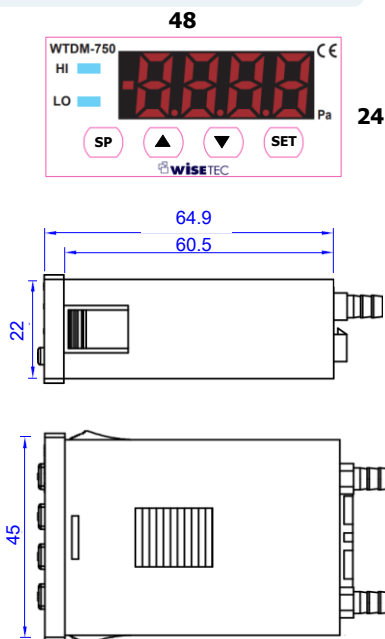
CE

Features

- LED Display with excellent visible effect
- 4~20mA, 1~5V, 0~5V, 0~10V analog output
- NPN, PNP Transistor and Relay Alarm output
- Small shape advantageous for semiconductor equipment (48mm x 24mm)
- Various MENU setting functions
- Easy to use
- RS 485 (Modbus RTU) communication function



Dimension



Specification

MODEL	WTDM-750
Burst Pressure (Min.)	2*F.S
Accuracy	±1% F.S
Applicable Media	AIR
Supply Voltage	DC 24V
Output	4~20mA, 1~5V, 0~5V, 0~10V RS 485 Modbus RTU (Option)
Alarm Out	Relay, Transistor(NPN, PNP)
Current Consumption	60mA (Max.)
Working Temp	-20~60°C (non-frozen state)
Working Humidity	35~85%
Pressure Port	6*4Ø TUBE
Material	BODY : ABS
Repeatability	±1% F.S
Response Time	135ms

MODEL SELECTION

WTDM-750		① ② ③		④ ⑤ ⑥		D24		N			
① Alarm		② Output		③ RS485(Optional)		④ Min Range		⑤ Max Range		⑥ Unit	
N	NPN TR	0	0 ~ 10 V	無 기입	No Option	무기입	0	100.0	100.0	無 기입	Pa
P	PNP TR	1	1 ~ 5 V	C	Modbus RTU	±	- Max	100	100	KPa	KPa
R	RELAY	4	4 ~ 20 mA					500	500	mmH2O	mmH2O
		5	0 ~ 5 V					1000	1000	mmHg	mmHg
										Torr	Torr

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Indicator

WTI-100 Series

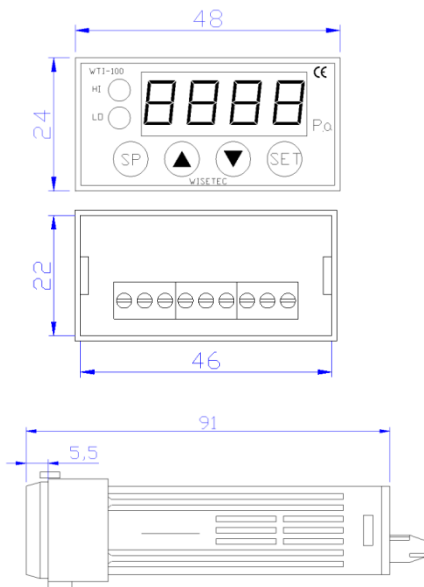
CE

Features

- FND Display with excellent visible effect
- 4~20mA, 1~5V, 0~5V, 0~10V analog input and output
- NPN, PNP Transistor output
- Small shape advantageous for semiconductor equipment (48mm x 24mm)
- Various MENU setting functions
- Easy to use



Dimension



Specification

MODEL	WTI-100
Accuracy	±1% F.S
Supply Voltage	DC 24V
Analog Input	4~20mA, 1~5V, 0~5V, 0~10V
Analog Output	4~20mA, 1~5V, 0~5V, 0~10V
Transistor Output	NPN, PNP
Current Consumption	60mA (Max.)
Working Temp	-20~60°C (non-frozen state)
Working Humidity	35~85%
Material	BODY : ABS
Repeatability	±1% F.S
Response Time	135ms

MODEL SELECTION

WTI-100

① ② ③

④ ⑤

D24

① Input	② TR	③ Output	④ Min Range	⑤ Max Range
0 0 ~ 10 V	N NPN	0 0 ~ 10 V	무기입 0	100.0 100.0
1 1 ~ 5 V	P PNP	1 1 ~ 5 V	± - Max	100 100
4 4 ~ 20 mA	R Relay	4 4 ~ 20 mA		500 500
5 0 ~ 5 V		5 0 ~ 5 V		1000 1000

※Please contact us for special order specifications.

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Indicator

WTI-150 Series

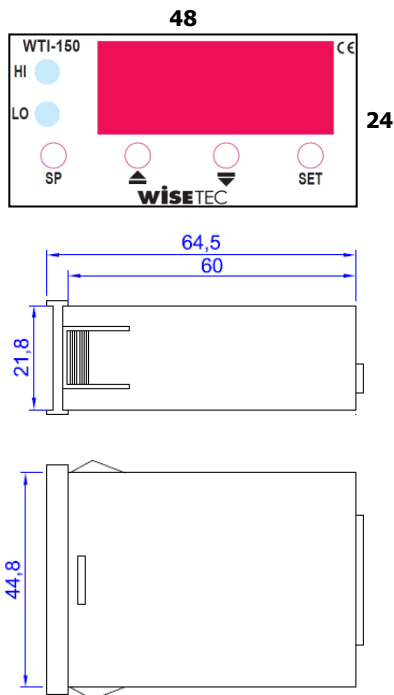
CE

Features

- FND Display with excellent visible effect
- 4~20mA, 1~5V, 0~5V, 0~10V analog input and output
- NPN, PNP Transistor output
- Small shape advantageous for semiconductor equipment (48mm x 24mm)
- Various MENU setting functions
- Easy to use



Dimension



Specification

MODEL	WTI-150
Accuracy	±1% F.S
Supply Voltage	DC 24V
Analog Input	4~20mA, 1~5V, 0~5V, 0~10V
Analog Output	4~20mA, 1~5V, 0~5V, 0~10V
Transistor Output	NPN, PNP
Current Consumption	60mA (Max.)
Working Temp	-20~60°C (non-frozen state)
Working Humidity	35~85%
Material	BODY : ABS
Repeatability	±1% F.S
Response Time	135ms

MODEL SELECTION

WTI-150

① ② ③

④ ⑤

D24

① Input		② Transistor		③ Output		④ Min Range		⑤ Max Range	
0	0 ~ 10 V	N	NPN	0	0 ~ 10 V	무기입	0	100.0	100.0
1	1 ~ 5 V	P	PNP	1	1 ~ 5 V	±	- Max	100	100
4	4 ~ 20 mA	R	Relay	4	4 ~ 20 mA			500	500
5	0 ~ 5 V			5	0 ~ 5 V			1000	1000

※Please contact us for special order specifications.

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PTFE Housing

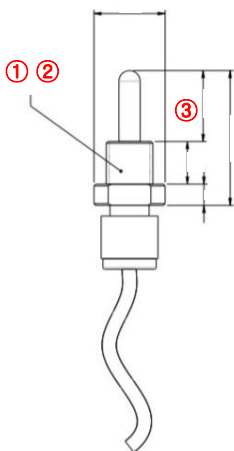
Temp Sensor

Feature

- Resistant to chemical fluids
- Used by connecting to piping fittings
- Easy to use



Dimension



Specification

	PTFE Temp Sensor
Connection	PT, PILLAR SUPER 300
Insert Length	10 ~ 85 mm
Sensor Type	K-Type, PT100
Cable Length	Default Teflon Cable 3M
Material	BODY : PTFE
Sensor Type	K-Type(0.75%), PT100 (A, B, 1/3 DIN)
Working Temp	0 ~ 180°C
Accuracy	PT100 A Class : $\pm (0.15+0.002 T) ^\circ\text{C}$
	PT100 B Class: $\pm (0.3+0.005 T) ^\circ\text{C}$
	PT100 1/3 DIN: $\pm (0.1+0.0017 T) ^\circ\text{C}$
	K-Type: $\pm 2.5 ^\circ\text{C}$ (0.75Class)

MODEL SELECTION

TEFS		① ②		③	④	⑤	⑥			
① Fitting		② Fitting Size		③ Insertion Length	④ Sensor Type		⑤ Cable Length		⑥ Option (Union T)	
P	PT	2	1/4	10 ~ 85 (mm)	K	K-Type	3M	Default	PUT	PILLAR
S	PILLAR SUPER 300	3	3/8		PA	PT100 A Class	1M ~ 5M		FUT	Male Flare
		4	1/2		P	PT100 B Class				
		6	3/4		P3	PT100 1/3 DIN				

※Please contact us for special order specifications.

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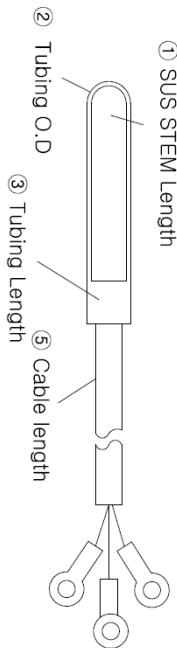
PFA Tubing Temp Sensor

Feature

- Resistant to chemical fluids
- Used for temperature measurement inside the tank
- Easy to use



Dimension



Specification

	PFA Temp Sensor
Connection	Male Connector Through
Tubing Length	100 mm ~
Sensor Type	K-Type, PT100
Cable Length	Default Teflon Cable 3M
Material	BODY :PFA Tube
Sensor Type	K-Type(0.75%), PT100 (A, B, 1/3 DIN)
Working Temp	0 ~ 200°C
Accuracy	PT100 A Class : $\pm (0.15+0.002 T) ^\circ\text{C}$
	PT100 B Class: $\pm (0.3+0.005 T) ^\circ\text{C}$
	PT100 1/3 DIN: $\pm(0.1+0.0017 T) ^\circ\text{C}$
	K-Type: $\pm 2.5 ^\circ\text{C}$ (0.75Class)

MODEL SELECTION

PFAS

①

②

③

④

⑤

① SUS STEM Length	② Tubing OD Size		③ Tubing Length	④ Sensor Type		⑤ Cable Length	
0 ~ (mm)	4	4Ø	100 ~ (mm)	K	K-Type	3M	Default
	5	5Ø		PA	PT100 A Class	1M ~ 5M	
	6	6Ø		P	PT100 B Class		
	1/4	6.35Ø		P3	PT100 1/3 DIN		

※Please contact us for special order specifications.

Contact Us : wisetec7@nate.com Tel) 02-6299-5299