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# DI-20

## Multi Input Indicator | Compact Type

### | Features

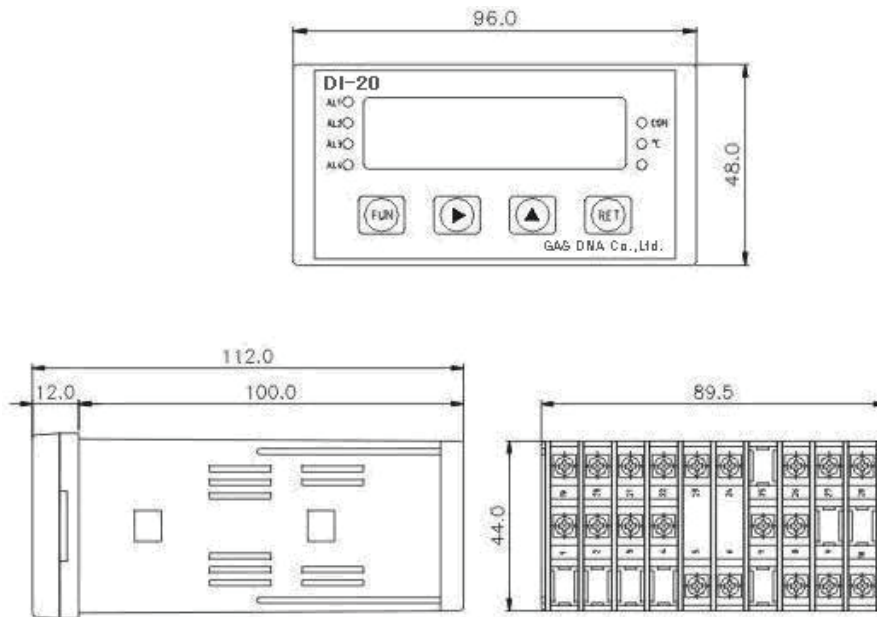
DI-20 has built-in high performance A/D converter & microprocessor which enable multi input signals, output signal transmission, communication, and alarm. As DI-20 is very sensitive measuring instrument, please acknowledge this manual enough before you start to use it.



(주)가스디엔에이 인천광역시 서구 북항로 193번길 101 (원창동) A동(사무동), B동(생산동) 우편번호 : 22856  
Tell: 032)623-7507 Fax: 032)623-7510 E-mail: gasdna@gasdna.com Web: http://www.gasdna.com

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## | Dimension



## | Product Specification

Input Signal : You can choose one out of below table.

Input signal group	Type	Input signal range	Display Range	Symbol
TC	B (PR 30%)		0~1800℃	Tc-B
	R (PR 30%)		0~1750℃	Tc-R
	S (PR 10%)		0~1750℃	Tc-S
	K (CA)		-200~1350℃	Tc-K
	E (CRC)		-200~800℃	Tc-E
	J (IC)		-200~800℃	Tc-J
	T (CC)		-200~400℃	Tc-T
	N		0~1350℃	Tc-N
RTD	DIN PT100Ω		-200~600℃	DPT1
	DIN PT (0.1)		-199.9~600℃	DPT2
	JIS PT 100Ω		-200~600℃	JPT
DC	mV	±100.0	-1999~9999	MV
	V	±10.0 0~30V	-1999~9999	V
	mA	±20.0	-1999~9999	MA

\* For input of mA, you need to connect external resistor for 250Ω/±0.05%/25ppm

Segment	DI-20
Accuracy	Control $\pm 0.2\%$ , Transmission Output $\pm 0.25\%$ (full scale)
Cycle of Measurement and Display	200ms (TC, RTD) and 100ms (mV, V, mA)
Input Resistance	Volt - 400K $\Omega$ , mA - 250 $\Omega$ , others - 1M $\Omega$
Signal Resistance	PT - 30 $\Omega$ /Line, others - below 300 $\Omega$
C.M.R.R.	Over 140dB
N.M.R.R.	Over 50dB
Alarm	2 or 4 channels (option)
Contact Capacity	AC 250V/5A, DC 30V/5A
Contact	1b (N.O)
Communication	RS232, RS422, RS485 (option) with built-in Terminal Resistor
Output Signal	DC 4~20mA / 600 $\Omega$ (Max) (option)
Environment	Operating -5~60 $^{\circ}$ C / 10~90%
Storing	-20~70 $^{\circ}$ C / 5~95%
Power Consumption	3.5W
Power Voltage	AC 85~264V
Insulation Resistance	FG/INPUT, FG/PW, PW/IN (Over 100M $\Omega$ /500V DC)
Weight	About 350g
Size (mm)	96(w) x 48(h) x 100(d)
Mounting	PLC Multi or Single Mounting



**| Authorized Distributor**

101, Bukhang-ro 193beon-gil, Seo-gu, Incheon, 22856, Republic of Korea

zip code : 22856

TEL : +82-32-623-7507 | FAX : +82-32-623-7510

sales@gasdna.com | <http://www.gasdna.com/en/>