JDA-750 Series

SMART – Suction Gas Detector

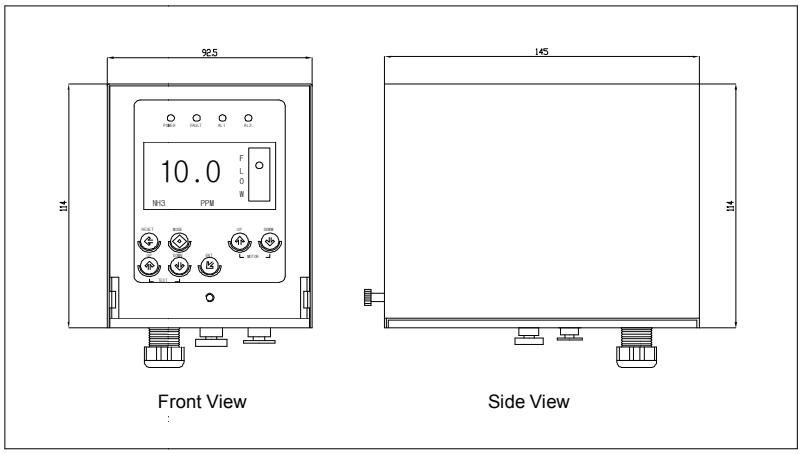
Specific Features

- **Auto-Suction Type**
  As the leaked gas may continuously be sucked and detected at the field with use of a micro-pump, gas may efficiently be detected in the environment where gas sensor cannot be installed or the management is difficult.
- **Digital Process**
  Wide range of artificial intelligence is embodied through the digital process based on micro processor and gas may be more conveniently, accurately, and efficiently detected.
- **LCD Display With Back-Light**
  Detected level is shown in LCD for prompt identification of level even in dark environment.
- **Isolation Circuit**
  An isolation circuit is installed in the circuit for efficient blocking of electric noise and improved stability of sensor output.
- **Signal-Output**
  The signals are smoothly transmitted by various output methods including DC 4-20㎃, 2-Step Relay Contact, and RS-485.
- Detection of combusitible,oxygen & toxic gas form low to high concentration owing to various detection principle.

Specification

Item	JDA-750.Series
Detection Mechanism	Catalytic,Electro-chemical, Ndir(Non-Dispersive Infrared) ,PID(Photoionization)
Detection Type	Suction Type
Input Power	DC 20~24V
Suction Flow Rate	1.0 ~ 2.5 liter/min
Accuracy	≤ ± 2%/Full Scale
Output Signal	DC 4-20㎃ / full scale
Memory	4,000 records
Alarm	AL1 Alarm – AL1 LED (RED) AL2 Alarm – AL2 LED (RED)
Density indication	LCD Display - PPM, %LEL, %, or PPb
Setting of alarm value	AL1/AL2 2stages Alarm-User can optionally set.
Alarm delay time	0~99 seconds with user adjustable
Alarm output	2 step alarm relay contact (AL1/AL2)
Operation Temperature and Humidity	-10℃ ~ 5 0 ℃,5 ~ 95%RH (Non-Condensing)
Installation Method	Wall Mounting Type
Signal Cable	CVVS & CVVSB 1.25sp*3 Wire-Shield Type
Gas Suction	6Ø Tube

Dimension



Front View

Side View

氣體名稱	化學式	範圍	訂購代碼
Acetaldehyde	**CH_3CHO**	**0~500 ppm**	JDA-750-CH_3CHO
Ammonia	**NH_3**	**0~100 ppm**	JDA-750-NH_3
Arsine	**AsH_3**	**0~1.00 ppm**	JDA-750-AsH_3
Arsenic Trichloride	**$AsCI_3$**	**0~1.00 ppm**	JDA-750-$AsCI_3$
Arsenic Trifluoride	**AsF_3**	**0~10.0 ppm**	JDA-750-AsF_3
Arsenic Pentafluoride	**AsF_5**	**0~10.0 ppm**	JDA-750-AsF_5
Boron Trichloride	**BCI_3**	**0~15.0 ppm**	JDA-750-BCI_3
Boron Tribromine	**BBr_3**	**0~15.0 ppm**	JDA-750-BBr_3
Boron Trifluoride	**BF_3**	**0~10.0 ppm**	JDA-750-BF_3
Butanethiol	**C_4H_9SH**	**0~10.0 ppm**	JDA-750-C_4H_9SH
Carbonyl Fluoride	**COF_2**	**0~10.0 ppm**	JDA-750-COF_2
Carbon Dioxide	**CO_2**	**0~5000 ppm**	JDA-750-LCO_2
Carbon Dioxide	**CO_2**	**0~5.00 %**	JDA-750-MCO_2
Carbon Dioxide	**CO_2**	**0~100 %**	JDA-750-HCO_2
Carbon Monoxide	**CO**	**0~500 ppm**	JDA-750-CO
Carbon Tetrachloride	**CCI_4**	**0~30.0 ppm**	JDA-750-CCI_4
Chlorine	**CI_2**	**0~10.0 ppm**	JDA-750-CI_2
Chlorine Dioxide	**CLO_2**	**0~2.00 ppm**	JDA-750-CLO_2
Chlorine Trifluoride	**CLF_3**	**0~2.00 ppm**	JDA-750-CLF_3
Diborane	**B_2H_6**	**0~1.00 ppm**	JDA-750-B_2H_6
Dichlorosilane	**SiH_4CI_2**	**0~10.0 ppm**	JDA-750-SiH_4CI_2
Disulfur Decafluoride	**S_2F_{10}**	**0~10.0 ppm**	JDA-750-S_2F_{10}
Disulfur Dichloride	**S_2CI_2**	**0~10.0 ppm**	JDA-750-S_2CI_2
Flourine	**F_2**	**0~10.0 ppm**	JDA-750-F_2
Formic Acid	**HCOOH**	**0~500 ppm**	JDA-750-HCOOH
Germane	**GeH_4**	**0~1.00 ppm**	JDA-750-GeH_4
Germanium Chloride	**$GeCI_4$**	**0~10.0 ppm**	JDA-750-$GeCI_4$
Hydrazine	**N_2H_4**	**0~10.0 ppm**	JDA-750-N_2H_4
Hydrogen	**H_2**	**0~2000 ppm**	JDA-750-H_2
Hydrogen Bromide	**HBr**	**0~10.0 ppm**	JDA-750-HBr
Hydrogen Chloride	**HCI**	**0~10.0 ppm**	JDA-750-HCI
Hydrogen Cyanide	**HCN**	**0~50.0 ppm**	JDA-750-HCN
Hydrogen Fluoride	**HF**	**0~10.0 ppm**	JDA-750-HF
Hydrogen Sulfide	**H_2S**	**0~100 ppm**	JDA-750-H_2S
Iodine[2]	**I_2**	**0~10.0 ppm**	JDA-750-I_2
Isopropanol[2]	**$(CH_3)_2$ CHOH**	**0~500 ppm**	JDA-750-$(CH_3)_2$ CHOH

Methanol[2]	**CH_3OH**	**0~500 ppm**	JDA-750-CH_3OH
Nitric Oxide	**NO**	**0~100 ppm**	JDA-750-NO
Nitrogen Dioxide	**No_2**	**0~20.0 ppm**	JDA-750-No_2
Nitrogen Trifuoride	**NF_3**	**0~30.0 ppm**	JDA-750-NF_3
Oxygen	**O_2**	**0~30 %VOL**	JDA-750-O_2
Oxygen	**O_2**	**0~10000 ppm**	JDA-750-O_2
Phosgene	**$COCI_2$**	**0~5.00 ppm**	JDA-750-$COCI_2$
Phosphine	**PH_3**	**0~1.00 ppm**	JDA-750-PH_3
Phosphorus Trichloride	**PCI_3**	**0~15.0 ppm**	JDA-750-PCI_3
Phosphorous	**PCI_5**	**0~15.0 ppm**	JDA-750-PCI_5
Phosphoryl Chloride	**$POCI_3$**	**0~10.0 ppm**	JDA-750-$POCI_3$
Silane	**SiH_4**	**0~20.0 ppm**	JDA-750-SiH_4
Silicon Tetrachloride	**$SiCI_4$**	**0~10.0 ppm**	JDA-750-$SiCI_4$
Stibin[2]	**SbH_3**	**0~1.00 ppm**	JDA-750-SbH_3
Sulfur Dioxide	**SO_2**	**0~20.0 ppm**	JDA-750-SO_2
Sulfuryl Fluoride[2]	**SO_2F_2**	**0~10.0 ppm**	JDA-750-SO_2F_2
Sulfur Tetrafluoride	**SF_4**	**0~9.00 ppm**	JDA-750-SF_4
Toluene	**C_7H_8**	**0~1000 ppm**	JDA-750-C_7H_8
Trichlorosilane	**$SiHCI_3$**	**0~15.0 ppm**	JDA-750-$SiHCI_3$
Thiophene	**C_4H_4S**	**0~50.0 ppm**	JDA-750-C_4H_4S
Tin Tetrabromide	**$SnBr_4$**	**0~10.0 ppm**	JDA-750-$SnBr_4$
Tin Tetrachloride	**$SnCI_4$**	**0~30.0 ppm**	JDA-750-$SnCI_4$
Tin Tetrafluoride	**SnF_4**	**0~10.0 ppm**	JDA-750-SnF_4
Titanium Tetrachloride	**$TiCl_4$**	**0~10.0 ppm**	JDA-750-$TiCl_4$
Trichlorosilane	**$SiHCl_3$**	**0~10.0 ppm**	JDA-750-$SiHCl_3$
Trichlortriazine	**$C_3Cl_3N_3$**	**0~10.0 ppm**	JDA-750-$C_3Cl_3N_3$
Trifluorotriazine	$C_3F_3N_3$	0~10.0 ppm	JDA-750-$C_3F_3N_3$

※ 更多氣體種類，請來電洽詢