



THÔNG SỐ KỸ THUẬT THIẾT BỊ HỆ THỐNG GIÁM SÁT & CẢNH BÁO ÁP SUẤT LPG SHT-901(I), SHT-901(G)



CÔNG TY TNHH THIẾT BỊ GAS Á CHÂU
ASIA GAS EQUIPMENT CO.,LTD

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HỆ THỐNG GIÁM SÁT & CẢNH BÁO ÁP SUẤT LPG SHT-901(I), SHT-901(G)



SHT-901(I)



PRESSURE
GAUGE(SWITCH)



SHT-901(P)



TỦ ĐIỀU KHIỂN TRUNG TÂM SUNGHWHA SHT-901(I) & ĐỒNG HỒ ĐO ÁP SUẤT SUNGHWHA SHT-901(G)

GAS PRESSURE ALARM DEVICE

MODEL : SHT-901(I)

SHT-901 gas pressure alarm device serves to check the pressure of evaporated gases such as LNG, hydrogen, and a warning against abnormal pressure(High and low) according to preset pressure, and more.

SPECIFICATION RECEIVER

- | Model No. | SHT-901(I), Wall-mounted type
- | Model No. | SHT-901(P) (SHT-970 panel insertion type)
- | Type | Gas pressure alarm device - Receiver
- | Operating Temp / Humi | -40°C~+70°C/ Less than 95%
- | Operating Display | Power light(Green),
Alarm light(LOW: Yellow / HIGH: Red)
- | Fuse volume | AC 0.5A(500mA)
- | Weight | 0.75Kgs



SHT-901(I)



PRESSURE GAUGE(SWITCH)

SPECIFICATION GAUGE

- | Model No. | SHT-901(G)
- | Range of application | Checks gas pipe pressure in the explosion district
- | Conduit Connection Gas | PT 1/2(15A)
- | Conduit Connection Cable | PF 1/2(16MM)
- | Approval | EX d II B T6

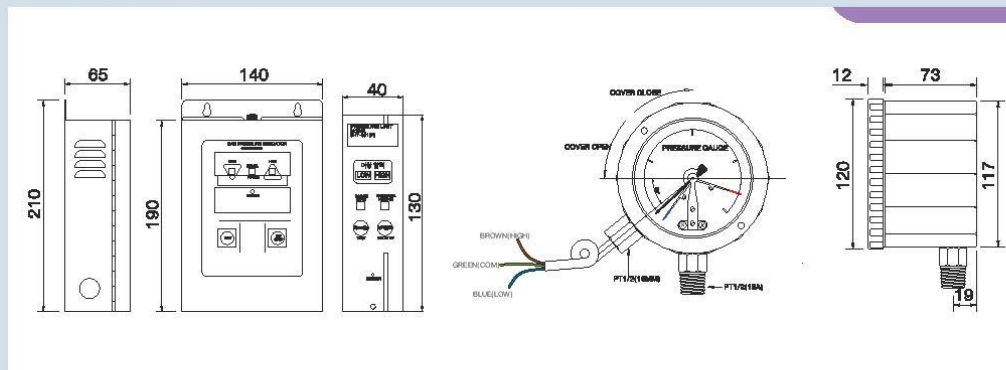


SHT-901(P)

PRESSURE RANGE

- 0~500mm H₂O
- 0~1,000mm H₂O
- 0~5,000mm H₂O
- 0~1Kgf/cm²
- 0~2Kgf/cm²
- 0~5Kgf/cm²
- 0~10Kgf/cm²

DIMENSION (mm)

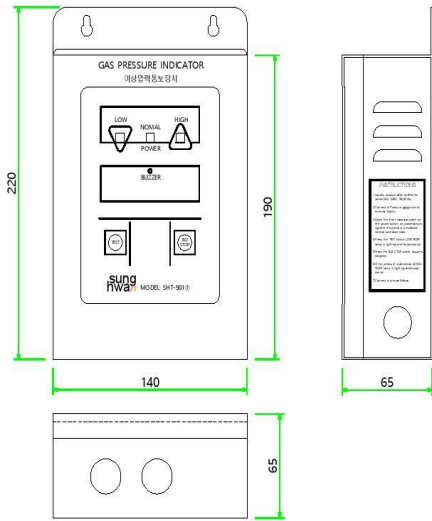


SƠ ĐỒ KẾT NỐI

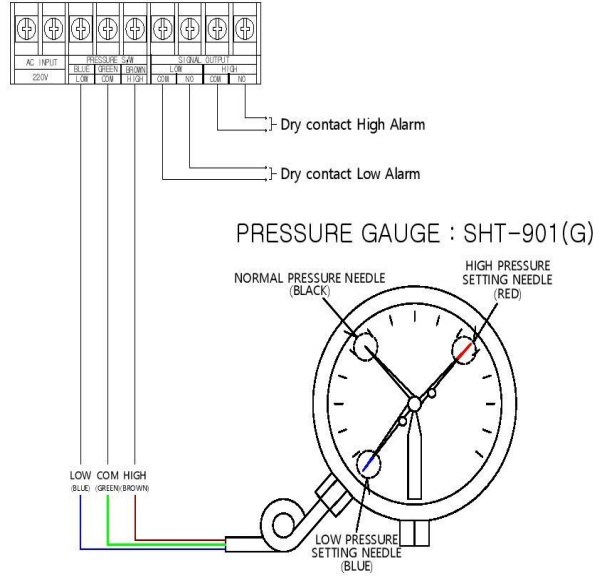
GAS PRESSURE ALARM DEVICE LAY-OUT

[[DIMENSION(mm)]]

PRESSURE CONTROLLER : SHT-901 (I)



[[CABLE CONNECTION DWG]]



*.NOTE

- 1 - HIGH LAMP (Lighting higher than setting pressure)
- 2 - POWER LAMP (Lighting in normal times)
- 3 - LOW LAMP (Lighting in normal times)
- 4 - BZ/STOP (Alarm stop)
- 5 - TEST S/W (Confirm state of controller)

*.CONTROLLER

In case of regulator 2nd pressure get out of normal pressure, abnormal (LOW, HIGH) happens and alarm sounds, output signal is transmitter to controller.
POWER : AC 220V, 50/60Hz (0.5A)

INSTRUCTIONS

1. Installs product after confirm the power(A/C 220V, 50/60 Hz)
2. Connect a Pressure gauge wire to terminal blocks.
3. Open the front case and switch on the power switch, so power lamp is lighted, the product is indicated normal operation state.
4. Press the TEST switch, LOW HIGH lamp is lighting and buzzer sound.
5. Press the B/Z STOP switch, buzzer is stopped.
6. If the pressure is abnormal, LOW or HIGH lamp is lighting and buzzer sound.
7. Connect a wire as follows.

- CERTIFY -

The term of guarantee is 1 year since the purchase date, so indicate the purchase date and receive the service.

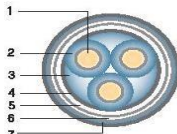
1. If it is still under warranty and the conditions that the clients use the products normally, we will fix it free of charge.
2. If troubles like those cases happen, we will ask service charge.
 - Due to careless handling by the client
 - Due to natural disaster
 - If person who is not an engineer from service center or manufacture fixes or remodels the products and breaks it down.
3. The cases that the clients cannot get guarantee/compensation
 - When the client/the user/ remodels the wiring, it turns out that the product does not work or that persone/materiel loss happen.

60227 KS IEC (74) — KS C IEC 60227-7

300/500V 오일내성 비닐시스 (비)차폐 유연성 케이블 / 300/500V Oil-Resistant PVC Sheathed Screened and Unscreened Flexible Cables



60227 KS IEC 74



- | | |
|---------|------------------------|
| 1. 도 체 | 1. Conductor |
| 2. 절연체 | 2. Insulation |
| 3. 개재물 | 3. Filler |
| 4. 테이프 | 4. Binder Tape |
| 5. 내부시스 | 5. Inner Sheath |
| 6. 동편조 | 6. Copper braid shield |
| 7. 시 스 | 7. Sheath |

☐ 종류 및 기호

60227 KS IEC 74 차폐 케이블 (70℃)

☐ 적용범위

AC 300/500V 이하의 기계공구와 기계적 조정장비를 포함하는 제조의 목적에 사용되는 기계부품들의 상호연결을 하는데 사용.

☐ 구조

1. 도 체 : 5등급 (집 · 복합연선) 연동선
2. 절연체 : PVC
- 연 합 : 절연된 전심을 원형으로 연합
3. 내부시스 : PVC
4. 차 폐 : 동 편조
5. 시 스 : 오일내성 PVC

☐ 선심식별

녹/황 선심을 제외한 모든 선심은 번호로 표시

☐ 최고허용온도 : 70℃

☐ 적용규격 : KS C IEC 60227-7

☐ 제품인증

한국산업규격

☐ APPLICATION

This main purpose of these cables is for the interconnection of parts of machines used for manufacturing purpose, including machine tools and mechanical handling equipment.

☐ CONSTRUCTION

1. Conductor : Flexible Stranded Annealed Copper (Class 5)
2. Insulation : PVC (Poly Vinyl Chloride, 70℃)
Assembly : Multi-cores of cable shall be assembled to form a circular cable.
3. Inner Sheath : PVC (Poly Vinyl Chloride)
4. Shield : The copper braid shield is applied around the assembled cable.
5. Sheath : PVC (Oil-Resistant PVC, 60℃)
The sheath may fill the interstices between the cores but it shall not adhere to the cores.

☐ CORE IDENTIFICATION

Numbering code on all cores without green/yellow core

☐ MAXIMUM ALLOWABLE TEMPERATURE : 70℃

☐ STANDARD : KS C IEC 60227-7

☐ CERTIFICATE

한국산업규격

☐ CLASSES AND SYMBOLS

60227 KS IEC 74 300/500V Oil-Resistant PVC Screened Flexible Cable (70℃)

PVC Insulated Flexible Cords / PVC Insulated Wire

SCREENED TABLE

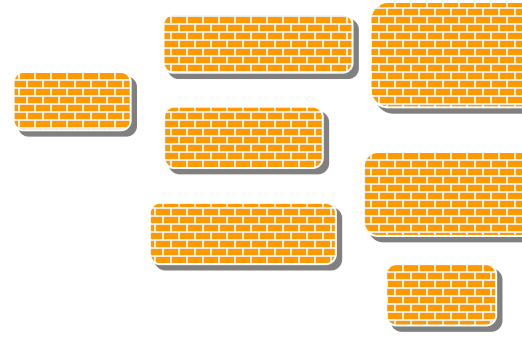
구 호 Symbol	도체 Conductor				절연체 두께(μm) Insulation Thickness	시스 두께(μm) Sheath Thickness	최대 소선경 Maximum Diameter of wire (mm)	시스 두께(μm) Sheath Thickness	평균완성외경 Mean Overall Diameter		최대도체저항 Max. Conductor Resistance at 20℃		절연저항 Resistance at 70℃ (MΩ.km)
	공칭 단면적 Nominal Sectional Area (mm ²)	도체등급 Conductor Class	최대 소선경 Maximum Diameter of Wire (mm)	외경(약) Approx. Diameter (mm)					하한값 Lower Limit (mm)	상한값 Upper Limit (mm)	동선 Copper (Ω.km)	도금동선 Tin-coated copper (Ω.km)	
	2×0.5		0.21	0.9	0.6	0.7	0.16	0.9	7.7	9.6	39.0	40.1	0.013
	3×0.5		0.21	0.9	0.6	0.7	0.16	0.9	8.0	10.0	39.0	40.1	0.013

ỐNG BAO DÂY LỖI KẼM BẢO VỆ DÂY TÍN HIỆU



Product details

SIZE	ID(mm)		OD(mm)	OD(mm)		Bending Radius (m)
	MIN	MAX	MIN	MIN	MAX	
1/4"	9.7	10.2	13.5	14.4	14.7	45
3/8"	12.3	12.7	15.6	16.7	17.2	50
1/2"	15.8	16.2	19.3	20.2	20.7	65
3/4"	20.7	21.1	24.3	25.5	26.1	75
1"	26.2	26.8	30.2	31.6	32.2	100
1 1/4"	34.7	35.3	39	40.8	41.5	125
1 1/2"	40	40.7	45.4	46.6	47.2	150
2"	50.8	51.6	57	58.1	58.7	175
2 1/2"	63	63.6	70.2	71.8	72.4	200
3"	78	78.7	85.2	87.2	87.9	225
4"	101.6	102.6	108.5	111.2	112.3	275



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