

제24-0181호



# 안전인증서

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위 사업장에서 제조하는 아래의 품목이 「산업안전보건법」 제84조 및 같은 법 시행규칙 제110조제1항에 따른 안전인증 심사결과 안전·보건기준에 적합하므로 안전인증표시의 사용을 인증합니다.

## 품 목

Flange Socket and Maintenance Flange Socket

## 형식·모델 / 용량·등급 / 인증번호

형식·모델	용량·등급	인증번호
8570/**_***_*	Max. 690 V AC/ 110 VDC, Max. 20 A Ex tb IIC Db	24-GA4BO-0181U

## 인증기준

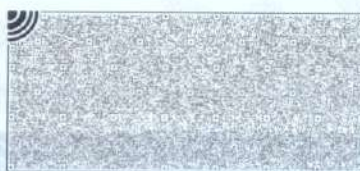
방호장치 안전인증 고시(고용노동부고시 제2021-22호)

## 인증조건

Tamb : -50°C ~+ 45°C...65°C, 뒷면참조

2024년 04월 17일

한국가스안전공사 사장





# [첨부] 24-GA4BO-0181U

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## 1. 명명법

8570	/	*	*	-	*	**	-	*	*
a	b	c	d	-	e	f	-	g	h

a Type series

b version / Complete device packed

c Design

1 standard, 2 North America, 5 Maintenance

d Device

5 Flange socket - enclosure, 8 Flange socket - cover

e Poles

3 2P + PE or 1P + N + PE

4 3P + PE

5 3P + N + PE

f Position for earth contact and voltage / frequency / colour

g Sealing material

B silicone free

S containing silicone

h Sign (-\*) can contain 0-xx characters, including the separators "-", "/" or "." Additional Parameters that do not affect the explosion protection of the equipment.

## 2. Ambient temperature

For Flange Socket and Maintenance Flange Socket type 8570/\*5\*\*\*-\*  
-50°C ≤ Tamb ≤ +45°C...65°C/ T6...T5 by current range 6A...16A(20A)

For Flange Socket type 8570/\*8\*\*\*-\*  
-50°C ≤ Tamb ≤ +45°C...65°C/ T6...T5 by current range 6A...16A

## 3. Service temperature

For Flange Socket and Maintenance Flange Socket type 8570/\*5\*\*\*-\*:  
-50°C ≤ Ts ≤ +75°C (for the enclosure)  
-50°C ≤ Ts ≤ +95°C (for the switch insert)

For Flange socket type 8570/\*8\*\*\*-\* :  
-50°C ≤ Ts ≤ +75°C (for the enclosure)  
-50°C ≤ Ts ≤ +95°C (for the contact sleeve carrier)

## 4. Ingress protection according to IEC 60079-0, IEC 60079-7 and IEC60079-31

When mounted and cover closed or plug inserted : IP64

Cover must be closed carefully when plug is not inserted to maintain ingress protection.

The plug shall be free from water and dust before is inserted to the flange socket.