



# Certificate of Compliance

This certificate is issued for the following equipment:

Model	K	Type	Resp.	Element	NPT (in.)	Finishes	Temperature Ratings °F (°C)
PS001	5.6	Upright	SR	Norbulb N5 5mm	1/2	Brass, Chrome, Polyester	135, 155, 175, 200 (57, 68, 79, 93)
PS002	5.6	Pendent	SR	Norbulb N5 5mm	1/2	Brass, Chrome, Polyester	135, 155, 175, 200 (57, 68, 79, 93)
PS003	5.6	Concealed Pendent	SR	Norbulb N5 5mm	1/2	Brass	155, 175, 200 (68, 79, 93)

Prepared for: Protector Safety Ind. Co., No. 3, Alley 16, Lane 228, Nan-Kang Road Sec 2, Lu Jwu Shiang, Tao-Yuan Hsien, Taiwan (R.O.C.)

Manufacturing Location: Protector Safety Ind. Co., No. 3, Alley 16, Lane 228, Nan-Kang Road Sec 2, Lu Jwu Shiang, Tao-Yuan Hsien, Taiwan (R.O.C.)

FM Approvals Class: 2016, 2017, 2015

FM Approval Standard: Class Series 2000 (March 2006)

Approval Identification: 3046914

Approval Granted: October 9, 2014

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

Richard B. Dunne  
Manager – Fire Protection  
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1151 Boston-Providence Turnpike  
Norwood, MA 02062  
USA





# Certificate of Compliance

This certificate is issued for the following equipment:

Model	K	Type	Resp.	Element	NPT (in.)	Finishes	Temperature Ratings °F (°C)
PS004	5.6	Pendent	QR	Norbulb N3 3mm	1/2	Brass, Chrome, Polyester	155, 175, 200 (68, 79, 93)
PS005	5.6	Upright	QR	Norbulb N3 3mm	1/2	Brass, Chrome, Polyester	155, 175, 200 (68, 79, 93)
PS006	5.6	Concealed Pendent	SR	Norbulb N3 3mm	1/2	Brass	155, 175, 200 (68, 79, 93)

Prepared for:

Protector Safety Ind. Co., No. 3, Alley 16, Lane 228, Nan-Kang Road Sec 2, Lu Jwu Shiang, Tao-Yuan Hsien, Taiwan (R.O.C.)

Manufacturing Location:

Protector Safety Ind. Co., No. 3, Alley 16, Lane 228, Nan-Kang Road Sec 2, Lu Jwu Shiang, Tao-Yuan Hsien, Taiwan (R.O.C.)

FM Approvals Class: 2016, 2017, 2015

FM Approval Standard: Class Series 2000 (March 2006)

Approval Identification: 3046914

Approval Granted: October 9, 2014

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*Member of the FM Global Group*



# Certificate of Compliance

This certificate is issued for the following equipment:

Model	K	Type	Resp.	Element	NPT (in.)	Finishes	Temperature Ratings °F (°C)
PS007	5.6	Horizontal Sidewall	SR	Norbulb N5 5mm	1/2	Brass, Chrome, Polyester	135, 155, 175, 200 (57, 68, 79, 93)
PS008	5.6	Horizontal Sidewall	QR	Norbulb N3 3mm	1/2	Brass, Chrome, Polyester	155, 175, 200 (68, 79, 93)

Prepared for:

Protector Safety Ind. Co., No. 3, Alley 16, Lane 228, Nan-Kang Road Sec 2, Lu Jwu Shiang, Tao-Yuan Hsien, Taiwan (R.O.C.)

Manufacturing Location:

Protector Safety Ind. Co., No. 3, Alley 16, Lane 228, Nan-Kang Road Sec 2, Lu Jwu Shiang, Tao-Yuan Hsien, Taiwan (R.O.C.)

FM Approvals Class: 2012

FM Approval Standard: Class Series 2000 (March 2006)

Approval Identification: 3046914

Approval Granted: October 9, 2014

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

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## VNIV.EX5263 Sprinklers, Automatic and Open

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### Sprinklers, Automatic and Open

[See General Information for Sprinklers, Automatic and Open](#)
**PROTECTOR SAFETY IND CO**

EX5263

3 Aly 16 Ln 228 Sec 2 Nankan Rd  
Luzhu District  
Taoyuan, 338 TAIWAN

Sprinkler Identification Number (SIN) PS001, PS002, PS003, PS004, PS005, PS006, PS007, PS008, PS009, PS010, PS011, PS012, PS013, PS014 glass bulb type sprinklers.

#### UPRIGHT AND PENDENT STANDARD SPRAY SPRINKLERS

##### NOMINAL 5.6 K-FACTOR

Model	Response Type	Type	System Working Pressure, psig	Temp Rating, °F
PS004	QR	Pendent	175	135, 155, 175, 200
PS005	QR	Upright	175	135, 155, 175, 200
PS002	SR	Pendent	175	135, 155, 175, 200
PS001	SR	Upright	175	135, 155, 175, 200

##### NOMINAL 1.4 TO 4.2 K-FACTOR

SIN	Response Type	Type	Nom k-Factor	System Working Pressure, psig	Temp Rating, °F
PS011	QR	Pendent	4.2	175	135, 155, 175, 200
PS012	QR	Upright	4.2	175	135, 155, 175, 200

#### FLUSH, RECESSED AND CONCEALED SPRINKLERS

SIN	Response Type	Type	Nom K-Factor	Temp Rating, F	
				Cover	Sprinkler
PS006	QR	Conc. Pendent	5.6	135	155
PS004	QR	Rec. Pendent	5.6	—	135, 155, 175
PS003	SR	Conc. Pendent	5.6	135	135, 155
PS003	SR	Conc. Pendent	5.6	155	175, 200
PS002	SR	Rec. Pendent	5.6	—	135, 155, 175, 200

#### STANDARD SIDEWALL SPRAY SPRINKLERS

SIN	Response Type	Type	Nom k-Factor	System Working Pressure, psig	Temp Rating, °F
PS007+	SR	HSW	5.6	175	135, 155
PS008+	QR	HSW	5.6	175	135, 155
PS013+	SR	VSW	5.6	175	155, 175, 200
PS014+	QR	VSW	5.6	175	155, 175, 200

+ Sprinklers Listed for Ordinary Hazard Applications

#### CONVENTIONAL (OLD STYLE) SPRINKLERS

<b>SIN</b>	<b>Response Type</b>	<b>Nom K-Factor</b>	<b>Temp Rating, °F</b>
PS009	SR	5.6	135, 155, 175, 200
PS010	QR	5.6	135, 155, 175, 200

Trademark and/or Tradename: "PRO"

Last Updated on 2012-06-15

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