



Contact our sales office for delivery dates and prices as this is a special model.

SP121X-016E
P: RO

SMC P.G.Information (Specialized Product)

Explosion proof (Flameproof) solenoid valve
50-VFE-X100 Series / 50-VPE-X100 Series

SMC CORPORATION
4-14-1, SOTO-KANDA,
CHIYODA-KU,
TOKYO 101-0021, JAPAN
URL <http://www.smcworld.com>

■Features:

Certified for explosion proof (flameproof) product by Korean agency KOSHA.

[Certification no: 09-AV4BO-0325]

Model no.	Explosion-proof construction
Part number suffix: -X100	Exd II T4 KOSHA explosion proof (flameproof) enclosure ^{Note)}



50-VFE Series (5 port): -X100



50-VPE Series (3 port): -X100

KCs marking

Note) Please note that this product cannot be used as an explosion proof specification valve outside of Korea.

■Specifications / Dimensions :

All specifications except the above explosion proof (flameproof) construction are the same as the standard product.

Please see the catalogues of standard **50-VFE/VPE** series for the details of the specifications and external dimensions.

How to Order:

50-VFE Series

50-VFE 5 1 2 0 1 T 03 -X100

Explosion proof
 50 Explosion proof (Flameproof)

Body size

Symbol	Body size, Applicable series	
	50-VFE3000	50-VFE5000
3	●	—
5	—	●

Type

1	Single
2	Double
3	Closed center
4	Exhaust center
5	Pressure center

Body type

Symbol	Body type	Applicable series	
		50-VFE3000	50-VFE5000
2	Body Ported (Type 20 manifold)	—	●
3	Body Ported (Type 30 manifold)	●	—
4	Base Mounted (Type 40 manifold)	●	●
5	Type 50 manifold	●	—

Body option

Symbol	Body option	Applicable valve	
		50-VFE3000	50-VFE5000
0	Standard	50-VFE3□ ²⁰ / ₂₀	50-VFE5□20
3	Main/pilot valve common exhaust	50-VFE3□ ²³ / ₂₃	—
4	Common pilot exhaust	—	50-VFE5□44

Port size (P.A.B)

Symbol	Port size	Applicable valve	
		50-VFE3000	50-VFE5000
Nil	—	50-VFE3□ ⁴⁰ / ₅₀	50-VFE5□44
01	Rc (PT) 1/8	50-VFE3□ ³³ / ₃₃	—
02	Rc (PT) 1/4	50-VFE3□ ³⁶ / ₃₆	50-VFE5□20
03	Rc (PT) 3/8	—	50-VFE5□20

Option
 F Bracket
 Available only for 50-VFE3*30/33 or 50-VFE5*20.
 (The bracket will be shipped unattached.)

KOSHA certification

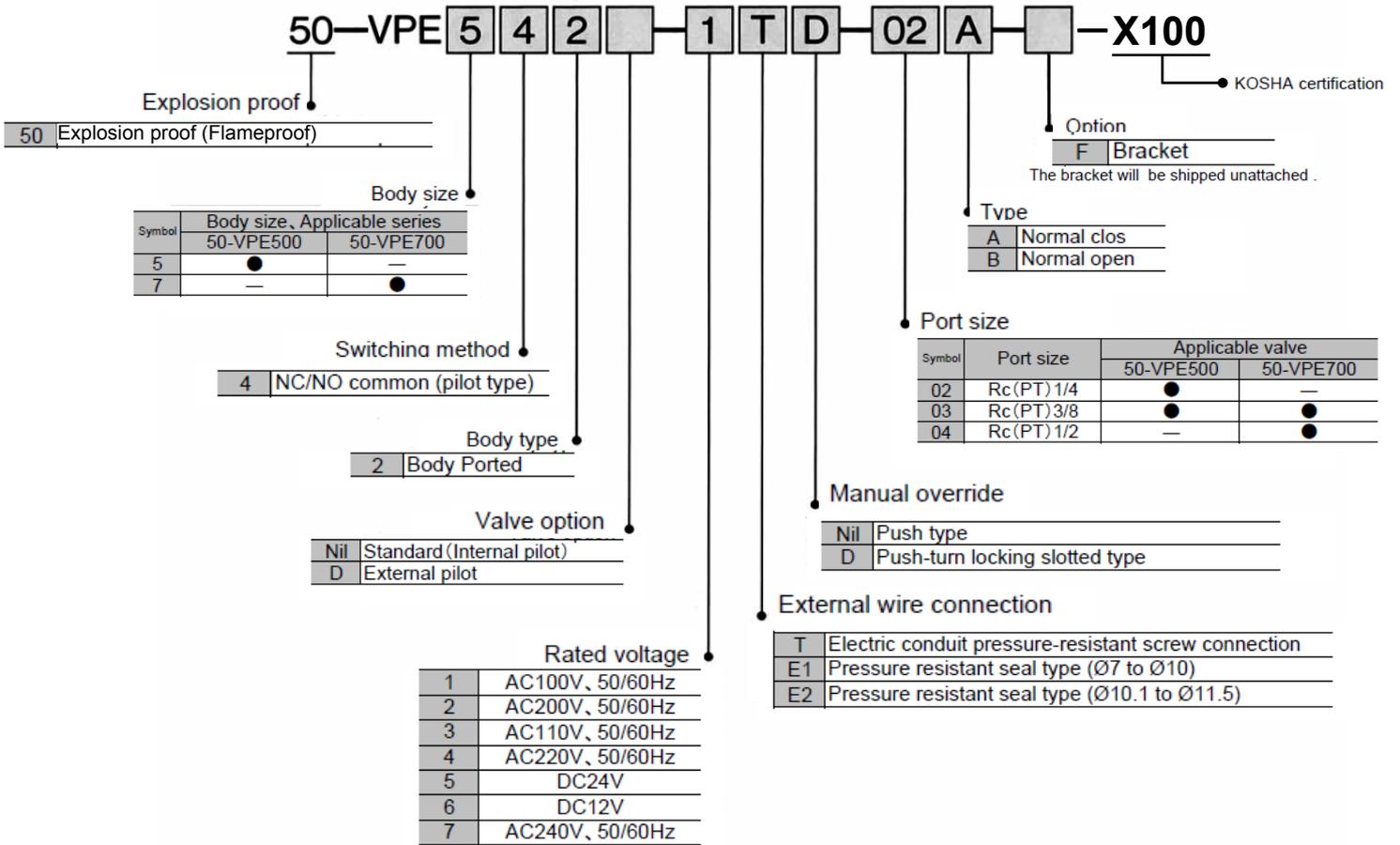
Manual override
 Nil Push type
 D Push-turn locking slotted type

External wire connection
 T Electric conduit pressure-resistant screw connection
 E1 Pressure resistant seal type (Ø7 to Ø10)
 E2 Pressure resistant seal type (Ø10.1 to Ø11.5)

Rated voltage

1	AC100V, 50/60Hz
2	AC200V, 50/60Hz
3	AC110V, 50/60Hz
4	AC220V, 50/60Hz
5	DC24V
6	DC12V
7	AC240V, 50/60Hz

50-VPE Series



Caution To ensure the safest possible operation of this product, please be sure to thoroughly read the "Safety Instructions" in our "Best Pneumatics" catalog before use.