


ATEX Compliant Electro-Pneumatic Positioner (Lever type/Rotary type)

Series IP8000-X14/8100-X14 C €

 II 2G Ex h ib IICT5..T6 Gb

How to Order

ATEX Directive Intrinsically
Safe Explosion Proof

IP8 000 - 0 1 0 - - X14 -

Positioner type

000	Electro-pneumatic lever type
100	Electro-pneumatic rotary type

Pressure gauge

Symbol	Pressure
0	Not provided
1	0.2 MPa
2	0.3 MPa
3	1.0 MPa

Option Note 7)

Symbol	Option	Applicable model	
		IP8000-X14	IP8100-X14
Nil	—	●	●
L	Low temperature (-40 to 60°C)	●	●
W	With internal opening indicator plate	—	●

ATEX directive compliance and connection

X14	ATEX directive category 2 Intrinsically safe explosion-proof item Air connection port: 1/4 NPT Conduit connection port: M20 x 1.5 With blue cable gland
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Accessories Note 1)

Symbol	Accessories	Applicable model	
		IP8000-X14	IP8100-X14
Nil	Without accessory	●	●
A	With ø0.7 output restrictor integrated pilot valve <small>Note 2)</small>	●	●
B	With ø1.0 output restrictor integrated pilot valve <small>Note 2)</small>	●	●
C	With fork lever type fitting M <small>Note 3)</small>	—	●
D	With fork lever type fitting S <small>Note 4)</small>	—	●
E	With lever unit for a 35 to 100 mm stroke <small>Note 5)</small>	●	—
F	With lever unit for a 50 to 140 mm stroke <small>Note 5)</small>	●	—
G	With compensation spring (A) <small>Note 6)</small>	●	●
H	With external scale plate	—	●

Note 1) If multiple accessories are required, they should be indicated in alphabetical order.
ex. IP8100-010-AG

Note 2) "A" is applied to approx 90 cm³-capacity actuator.
"B" is applied to approx 180 cm³-capacity actuator.

Note 3) Fork lever-type fitting MX (Connection thread: M6 x 1) for IP8100-0□0-□-X14.

Note 4) Fork lever-type fitting SX (Connection thread: M6 x 1) for IP8100-0□0-□-X14.

Note 5) Standard lever is not attached.

Note 6) It is to be used together with "A" or "B" when tending to overshoot by the use of "A" or "B". It is mounted to the body as a replacement of the standard compensation spring.

Note 7) Combination of "L" and "W" is not available.

Specifications

Classification	Ambient temperature range	
	IP8□00-X14/X14-W	IP8□00-X14-L
II 2G Ex h ib IICT5 Gb	-20°C ≤ Ta ≤ +80°C	—
II 2G Ex h ib IICT6 Gb	-20°C ≤ Ta ≤ +60°C	-40°C ≤ Ta ≤ +60°C

All other specifications are the same as the standard products Series IP8□.
[Click here](#) for details.