ATEX Compliant Smart Positioner (Lever type/Rotary type)

Series 52-IP8001/8101 ⟨Ex⟩

CE ⟨Ex⟩ II 1 G Ex ia IIC T4/T5/T6 Ga
T4..T5: Ta = -20°C to 80°C   T6: Ta = -20°C to 60°C

How to Order

ATEX Directive Intrinsically Safe Explosion Proof

52 – IP8 **001** – 0 **3** 4 – ☐ – ☐ – ☐

ATEX directive compliance

52	ATEX directive category 1 Intrinsically safe explosion-proof

Type

001	Smart lever type
101	Smart rotary type

Pressure gauge Note

Symbol	Pressure gauge	Applicable model	
		IP8001	IP8101
1	0.2 MPa	●	—
2	0.3 MPa	●	—
3	1.0 MPa	●	●

Specifications

4	Intrinsically safe explosion proof (ATEX) + output function + HART communication

Accessories Note 1)

Symbol	Accessories	Applicable model	
		IP8001	IP8101
Nil	None	●	●
C	With fork lever type fitting M	—	●
D	With fork lever type fitting S	—	●
E	For stroke 35 to 100 mm with lever unit Note 2)	●	—
F	For stroke 50 to 140 mm with lever unit Note 2)	●	—
H	With external scale plate	—	●
W	Body with LCD window	●	●

Note 1) If two or more accessories are required, the part numbers should be given in alphabetical order.
ex. 52-IP8101-034-CH
Note 2) Standard lever is not attached.

ATEX temperature

Symbol	ATEX temperature	Applicable model	
		IP8001	IP8101
Nil	T4	●	●
T6	T5/T6	●	●

Connection

Symbol	Air	Electric
Nil	Rc1/4	G1/2
M Note)	Rc1/4	M20 x 1.5
N	Rc1/4	1/2NPT
1	1/4NPT	G1/2
2 Note)	1/4NPT	M20 x 1.5
3	1/4NPT	1/2NPT
4	G1/4	G1/2
5 Note)	G1/4	M20 x 1.5
6	G1/4	1/2NPT

Note) When the symbol is M, 2, or 5 for 52- ATEX directive items, a blue cable gland is included with the electrical connection.

All other specifications are the same as the standard products Series IP8☐.
Click here for details.

SMC