Order Codes for Standard Cylinders

Operation type

DA : Double acting type
SA : Single acting push type
TA : Single acting pull type

Rod end specification

Female thread



Male thread



Mounting type

Basic type



Foot mounting type Note7



Flange mounting type Note6



Sensor switch type Note4
(For cylinder with magnet)

Blank:
No sensor switch

-ZE135 : With ZE135
- 2-lead wire Solid state type
- With indicator lamp
- DC10～28V
- Horizontal lead wire

-ZE155 : With ZE155
- 3-lead wire Solid state type
- With indicator lamp
- DC4.5～28V
- Horizontal lead wire

-ZE235 : With ZE235
- 2-lead wire Solid state type
- With indicator lamp
- DC10～28V
- Vertical lead wire

-ZE255 : With ZE255
- 3-lead wire Solid state type
- With indicator lamp
- DC4.5～28V
- Vertical lead wire

-ZE101 : With ZE101 Note7
- 2-lead wire Reed switch type
- Without indicator lamp
- DC5～28V
  AC85～115V
- Horizontal lead wire

-ZE102 : With ZE102 Note7
- 2-lead wire Reed switch type
- With indicator lamp
- DC10～28V
  AC85～115V
- Horizontal lead wire

-ZE201 : With ZE201 Note7
- 2-lead wire Reed switch type
- Without indicator lamp
- DC5～28V
  AC85～115V
- Vertical lead wire

-ZE202 : With ZE202 Note7
- 2-lead wire Reed switch type
- With indicator lamp
- DC10～28V
  AC85～115V
- Vertical lead wire

Lead wire length

A : 1000mm [39in.]
B : 3000mm [118in.]

Number of sensor switches
(For cylinder with magnet)
Blank:
No sensor switch

1 : With 1 sensor switch
2 : With 2 sensor switches

Cylinder specification

Blank : Standard cylinder Note1 (Non-ion specification Note8)
S : Cylinder with magnet (Non-ion specification Note8)
F : Heat resistant cylinder Note2

Bumper Note3

Blank : No bumper
-R : With bumper

Centering location Note5

Blank : No centering location
-G : With centering location

Basic type			Bore size × Stroke							
C	DA SA TA	S F	×	-B	-R	-G	-1 -3	-ZE135 -ZE155 -ZE235 -ZE255 -ZE101 -ZE102 -ZE201 -ZE202	A B	1 2 ⋮ n

- See table for bore size and stroke.
- For information regarding the cylinder joint and cylinder rod end for male thread, see p.1568.
- For the order codes of sensor switches only, see p.199.
- For heat resistant specification, sensor switch is not available.
- Mounting brackets are included at shipping. For the clevis type, see p.181, Lateral Load Resistant Cylinders.
- In sizes ϕ12 and ϕ16 with foot mounting brackets and strokes of less than 10mm, the foot mounting bracket and sensor switch may interfere with each other, which could prevent 2 sensor switches from being mounted. For details, consult us.

Notes: 1. In the standard cylinder, a magnet for the sensor switch is not built-in.
2. Not available for the cylinder with magnet or the cylinder with bumper. Not available for bore sizes ϕ6, ϕ8, and ϕ10.
3. For the double acting type only. Not available for heat resistant specification, however. Not available for bore sizes ϕ6, ϕ8, and ϕ10.
4. For details of sensor switches, see p.1544.
5. Not available for bore sizes ϕ6～ϕ12.
6. Cannot be mounted on bore size ϕ40 with centering location (**-G**). Not available for bore sizes ϕ6, ϕ8, and ϕ10.
7. Not available for bore sizes ϕ6, ϕ8, and ϕ10. And cannot be mounted on the 5mm strokes of ϕ16 and ϕ25, and 10mm strokes of ϕ50, ϕ63, and ϕ80.
8. Bore sizes ϕ6, ϕ8, and ϕ10 are not non-ion specification.

Additional Parts (To be ordered separately)



Foot mounting bracket (p.197)



Flange mounting bracket (p.198)



Mounting screws (p.209)