SMC Corporation of America

Product Information



Compact Cylinder (N)CQ2-Z

The world's bestselling Actuator is the NEW Standard in North America

Versatile model options to meet specific needs including:

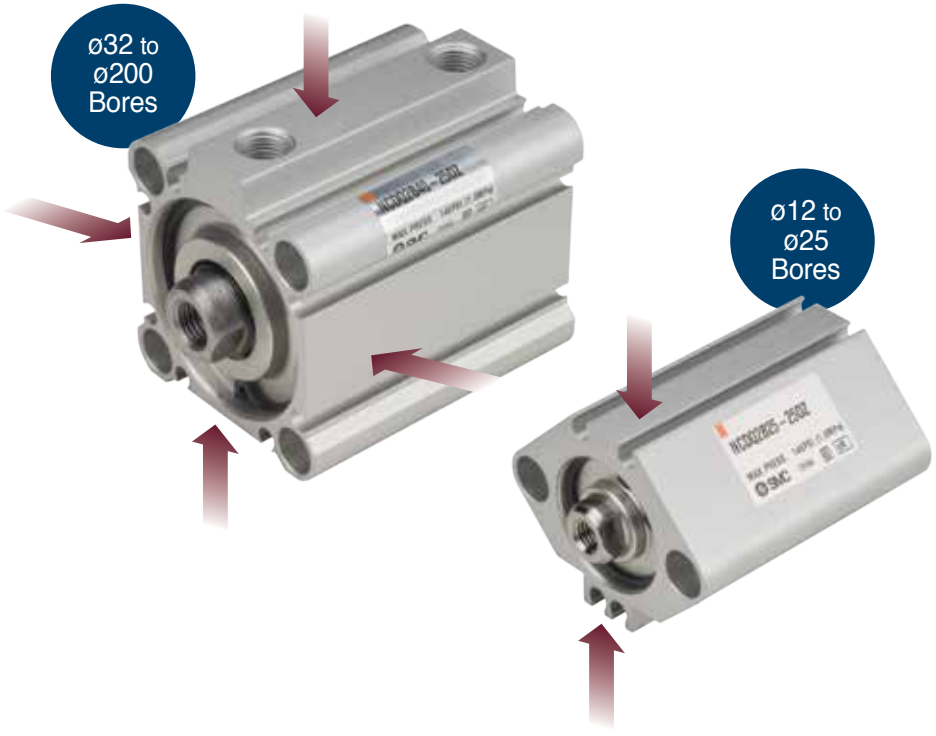
- *Wash down applications*
- *Welding environment*
- *Space saving configurations*
- *High side load applications*
- *Safety lock in case of loss of pressure*

Reduced installation cost and time for position sensors

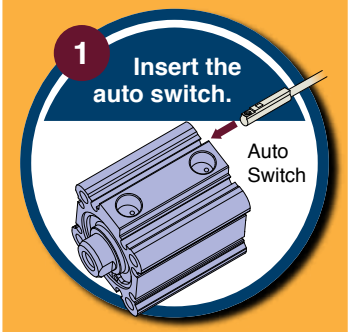
Compatible with 2 color indication position sensors for welding or wet environments

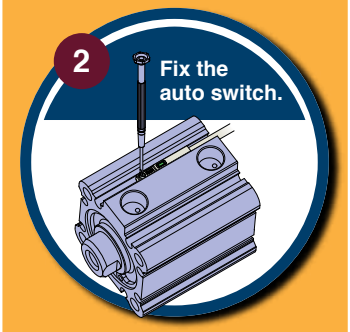
Small position sensors mountable on 4 surfaces

Improved flexibility of system design.



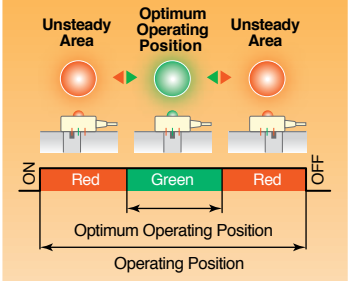
Simple Installation



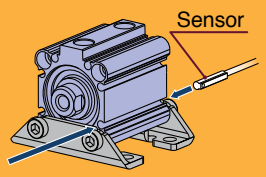


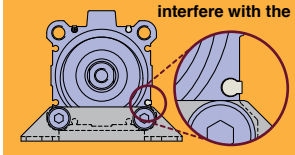
- **Fewer components**
- **No loose parts to fall out**

Simple Operation

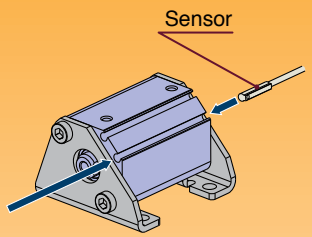


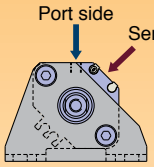
The position sensor can be replaced with the foot brackets mounted





The bracket does not interfere with the slot.





Port side and auto switch side are near each other for easy handling.

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All reasonable efforts to ensure the accuracy of the information detailed in this flyer were made at the time of publishing. However, SMC can in no way warrant the information herein contained as specifications are subject to change without notice.

(N)CQ2 Options that can Help Solve Unique Problems

The CQ2*S high side load option adds additional design elements for tougher applications.



The CQ2*R water resistant actuator includes a special rod wiper that greatly extends life in wet environments.



The CQ2*P has axial porting for a very unique solution to space problems.



The CQ2K includes a non-rotating piston for anti-turn applications.





The CQ2-XC35 is perfect for weld environments. The addition of a rod scraper removes weld spatter that would otherwise contaminate the interior of the actuator.

If you need an actuator that will hold position in the event of a loss of air, the CBQ2 contains a built-in end of stroke locking mechanism.



Accessories



Auto Switch
D-M9



Floating Joint
NJ



Speed Controller w/scale
AS-FS