

Compact Cylinder Double Acting, Single Rod Series **NCQ8**

Bore size: 056(9/16"), 075(3/4"), 106(1 1/16"), 150(1 1/2"), 200(2"), 250(2 1/2"), 300(3"), 400(4")

How to Order

Without auto switch **NCQ8 B** **056** - **025** **□** **□**

With auto switch **NCDQ8 B Z** **056** - **025** **□** - **M9BW S** **□**

Built-in magnet

Mounting

B	Through-hole
A	Both ends tapped
C	Rear clevis
E	Screw clearance hole, front mount
M	Screw clearance hole, rear mount
N	Screw clearance hole, through

Overall length type

Nil	Standard
Z	Super Compact

Nominal bore size

056	9/16"
075	3/4"
106	1 1/16"
150	1 1/2"
200	2"
250	2 1/2"
300	3"
400	4"

Cylinder stroke (in)

Symbol	Stroke (in)	Symbol	Stroke (in)	Symbol	Stroke (in)	Symbol	Stroke (in)
012	1/8"	062	5/8"	125	1 1/4"	250	2 1/2"
025	1/4"	075	3/4"	150	1 1/2"	300	3"
037	3/8"	087	7/8"	175	1 3/4"	350	3 1/2"
050	1/2"	100	1"	200	2"	400	4"

X-Option

Nil	Standard
XB6	High temp.
XC4	With scraper

Note 3) XB6: Not available with magnet.
*Refer to page 36.

Number of auto switches

Nil	2 pcs.
S	1 pc.
n	"n" pcs.

Auto switch type

Nil	Without auto switch (Built-in magnet cylinder)
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*Refer to the table below for auto switch model numbers.
*Auto switches are shipped together, (but not assembled).

Body option

Nil	Standard (Female rod end)
C	Rubber bumper
M	Male rod end

Note 2) Stroke will be reduced by 0.06" for rubber bumper type.
*Combination of body options(CM) is available.

Note 1) With auto switch is available on strokes 025(1/4") and greater.

Applicable Auto Switches

Type	Special function	Electrical entry	Indicator light	Wiring (output)	Load voltage			Lead wire length (in)*				Applicable load		
					DC	AC	Auto switch model							
							Perpendicular	In-line	20(0.5m) (Nil)	39(1m) (M)	118(3m) (L)		197(5m) (Z)	
Solid state switch	—	Grommet	—	3-wire (NPN)	5 V, 12 V	—	M9NV	M9N	●	—	●	○	IC circuit	
				3-wire (PNP)			M9PV	M9P	●	—	●	○		
				2-wire	M9BV	M9B	●	—	●	○	—			
	Diagnostic indication (2-color display)	Grommet	Yes	3-wire (NPN)	5 V, 12 V	—	M9NWW	M9NW	●	●	●	○	IC circuit	
				3-wire (PNP)			M9PWW	M9PW	●	●	●	○		
				2-wire	M9BWW	M9BW	●	●	●	○	—			
Reed switch	—	Grommet	—	3-wire (NPN equiv.)	5 V	—	A96V	A96	●	—	●	—	IC circuit	
				2-wire			24 V	5 V, 12 V	100 V	A90V	A90	●	—	●
				2-wire	24 V	12 V	100 V	A93V	A93	●	—	●	—	—

*Lead wire length symbols: 20in (0.5 m)..... Nil (Example) M9NW M9NWM M9NWL M9NWZ
39in (1 m)..... M
118in (3 m)..... L
197in (5 m)..... Z

*Solid state switches marked with a "O" symbol are produced upon receipt of order.
*39 in (1 m: M): Available in the D-M9□W(V) only.

