

Pin Clamp Cylinder Compact Cylinder Type

C(L)KQG32 Series

ø32

How to Order

Clamping height
LOW type

Clamping height
HIGH type

C L K Q G B 32 - 075 R A L - P3DWASC - X2081

C L K Q G B 32 - 075 R A H - M9BW - X2082

With lock

Nil	Without lock
L	With lock

Mounting surface position
(viewed from top)

Symbol	Mounting surface position
A	Port side Mounting surface
B	Port side Mounting surface
C	Port side Mounting surface
D	Port side Mounting surface

Bore size
32 32 mm

Guide pin diameter
* For guide pin diameter, refer to page 530.

Guide pin shape

R	Round type
D	Diamond type

Number of auto switches

Nil	2 pcs.
S	1 pc. (Unclamping side)

Auto switch type

Nil	Without auto switch
-----	---------------------

- * Refer to the table below for the applicable auto switch model.
- * Auto switches are shipped together, (but not assembled).
- * Refer to the table below for the applicable auto switches.
- * When the total thickness of clamped workpiece is over 2 mm, the auto switch may not be adjusted to the most sensitive position.
- * Secure the minimum bending radius of the auto switch lead wire before use (Refer to page 544).

Clamp arm position (clockwise viewed from top)

Symbol	Clamp arm position	Symbol	Clamp arm position
A	Same as the port side Port side Clamp arm	C	180° from the port side Port side Clamp arm
B	90° from the port side Port side Clamp arm	D	270° from the port side Port side Clamp arm

Auto Switch Models: Refer to pages 941 to 1067 for further information on auto switches.

Magnetic Field Resistant Auto Switches

Type	Auto switch model	Applicable magnetic field	Electrical entry	Indicator light	Wiring (Pin no. in use)	Load voltage	Lead wire length	Applicable load	
Solid state auto switch	P3DWASC	AC magnetic field (Single-phase AC welding magnetic field)	Pre-wired connector	2-color	2-wire (3-4)	24 VDC	0.3 m	Relay, PLC (Note 1)	
	P3DWASE				2-wire (1-4)				
	P3DWA				2-wire				0.5 m
	P3DWAL								3 m
	P3DWAZ		Pre-wired connector		5 m				
	P4DWSC				2-wire (3-4)		0.3 m		
	P4DWSE				2-wire (1-4)		3 m		
	P4DWL				2-wire		5 m		
P4DWZ	Grommet								

Note 1) PLC: Programmable Logic Controller Note 2) There are applicable auto switches other than the listed above. For details, refer to the table below.

Small Auto Switches Small auto switches cannot be used under a strong magnetic field.

Type	Special function	Electrical entry	Indicator light	Wiring (Output)	Load voltage		Auto switch model		Lead wire length [m]					Pre-wired connector	Applicable load
					DC	AC	Perpendicular	In-line	0.5 (Nil)	1 (M)	3 (L)	5 (Z)			
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	5 V, 12 V	—	M9NV	M9N	●	●	●	○	○	Relay, PLC	
				3-wire (PNP)			M9PV	M9P	●	●	●	○	○		
				2-wire	M9BV	M9B	●	●	●	○	○	○			
				3-wire (NPN)	M9NW	M9NW	●	●	●	○	○	○			
	3-wire (PNP)			M9PW	M9PW	●	●	●	○	○	○				
	2-wire			M9BW	M9BW	●	●	●	○	○	○				
	3-wire (NPN)			M9NAV	M9NA	○	○	●	○	○	○	○			
	3-wire (PNP)			M9PAV	M9PA	○	○	●	○	○	○	○			
Reed state auto switch	—	Grommet	Yes	3-wire (NPN equivalent)	5 V	—	A96V	A96	●	●	●	○	○	IC circuit	—
				2-wire	12 V	100 V	A93V*1	A93	●	●	●	○	○	—	Relay, PLC
			No	2-wire	24 V	5 V, 12 V 100 V or less	A90V	A90	●	—	●	○	○	—	IC circuit

*1 1 m lead wire is only applicable to the D-A93.

* Solid state auto switches marked with "C" are produced upon receipt of order.

* Auto switches and mounting brackets are shipped together, (but not assembled).

* Lead wire length symbols: 0.5 m.....Nil (Example) M9NWV
1 m.....M (Example) M9NWVM
3 m.....L (Example) M9NWVL
5 m.....Z (Example) M9NWVZ

MK

MK2T

CK□1

CLK2

CLKG

CKO CLKQ

CK□ CLK□

CKQ□

D-□

-X□