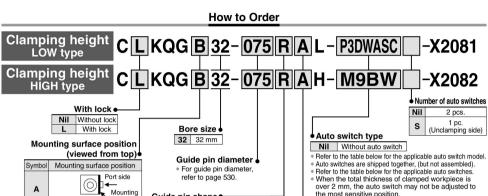
Pin Clamp Cylinder Compact Cylinder Type C(L)KQG32 Series



the most sensitive position. Guide pin shape Secure the minimum bending radius of the auto switch Round type lead wire before use (Refer to page 544). R Clamp arm position (clockwise viewed from top) Symbol Clamp arm position Clamp arm position Diamond type Same as the port side 180° from the port side Port side Port side D Clamp arm Clamp arm 90° from the nort side 270° from the port side Port side Port side В D

Clamp arm

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

surface

Port side

Mounting

Port side

Port side

surface

Mounting surface

Mountingsurface

В

С

D

Magnetic Field	Resistant Auto	o Switches							
Type	Auto switch	Applicable	Electrical entry	Indicator	Wiring			Applicable	
21	model	magnetic field	,	light	(Pin no. in use)	voltage	length	load	
Solid state auto switch	P3DWASC		Pre-wired connector		2-wire (3-4)		0.3 m		
	P3DWASE	AC magnetic field (Single-phase AC welding magnetic field)			2-wire (1-4)		0.5 111		
	P3DWA		Grommet		2-wire	24 VDC	0.5 m		
	P3DWAL			2-color			3 m	Relay,	
	P3DWAZ						5 m	PI C Note 1)	
	P4DWSC		Pre-wired connector		2-wire (3-4)		0.3 m	1 20	
	P4DWSE		Fre-wired confidential		2-wire (1-4)		0.5 111		
	P4DWL		Grommet		2-wire		3 m		
	P4DWZ		Grommet		Z-WIIE		5 m		

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.

Α -

Small Auto Switches /!\Small auto switches cannot be used under a strong magnetic field.																
Туре	Consist	pecial Electrical entry	Indicator light	Wiring	L	Load voltage		Auto switch model		Lead wire length [m]				Pre-wired	Annli	ooblo
	function				С	AC	Perpendicular	In-line	0.5 (Nil)	1 (M)	3 (L)	5 (Z)			icable ad	
Solid state auto switch	— Diagnostic		et Yes	3-wire (NPN)	24 V	5 V, 12 V	M9NV	M9N	•	•	•	0	0	IC		
				3-wire (PNP)				M9PV	M9P	•	•	•	0	0	circuit	
				2-wire		12 V		M9BV	M9B	•	•	•	0	0	_	
				3-wire (NPN)		5 V, 12 V 12 V 5 V, 12 V		M9NWV	M9NW	•	•	•	0	0	IC	Relay,
	indication	Grommet		3-wire (PNP)				M9PWV	M9PW	•	•	•	0	0	circuit	PLC
	(2-color indicator)	ıt		2-wire				M9BWV	M9BW	•	•	•	0	0	_	FLC
	Water			3-wire (NPN)				M9NAV	M9NA	0	0	•	0	0	IC circuit	
	resistant			3-wire (PNP)				M9PAV	M9PA	0	0	•	0	0		
	(2-color indicator)			2-wire		12 V		M9BAV	M9BA	0	0	•	0	0		
Reed auto switch	_	Grommet	Yes	3-wire (NPN equivalent)	1	5 V	_	A96V	A96	•	Ī	•	_	_	IC circuit	_
				2-wire	24 V	12 V	100 V	A93V*1	A93	•	•	•	•	_	_	Relay,
				2-wile 24	24 V	5 V, 12 V	100 V or less	A90V	A90	•	_	•	_	_	IC circuit	PLC

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

* Solid state auto switches marked with "O" 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

-X□ 5 m······Z (Example) M9NWVZ

D-□

MK

MK2T

CK□1

CLK2

CLKG

CKQ CLKQ

ČLK□

CKQ

Clamp arm

