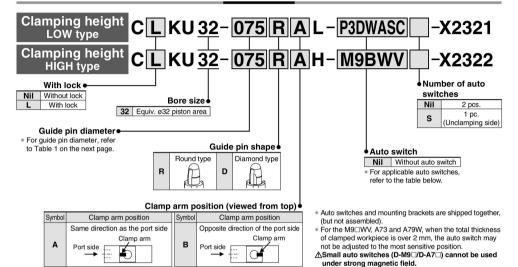# Pin Clamp Cylinder Plate Cylinder Type

Magnetic Field Resistant Auto Switch/Small Auto Switch Mounting

C(L)KU32 Series

ø32

How to Order

Clamping height LOW type

C **L** KU **32**-**075** **R** **A** L-**P3DWASC**☐-**X2321**

Clamping height HIGH type

C **L** KU **32**-**075** **R** **A** H-**M9BWV**☐-**X2322**

With lock

Nil	Without lock
L	With lock

Bore size

32	Equiv. ø32 piston area

Guide pin diameter

∗ For guide pin diameter, refer to Table 1 on the next page.

Guide pin shape

	Round type	Diamond type
	R	D

Clamp arm position (viewed from top)

Symbol	Clamp arm position	Symbol	Clamp arm position
A	Same direction as the port side Port side / Clamp arm	B	Opposite direction of the port side Port side / Clamp arm

Number of auto switches

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

Auto switch

Nil	Without auto switch

∗ For applicable auto switches, refer to the table below.

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

∗ For the M9☐WV, A73 and A79W, when the total thickness of clamped workpiece is over 2 mm, the auto switch may not be adjusted to the most sensitive position.

⚠ **Small auto switches (D-M9☐/D-A7☐) cannot be used under strong magnetic field.**

Applicable Auto Switches/Refer to pages 941 to 1067 for further information on auto switches.

Magnetic Field Resistant Auto Switch

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	D-P3DWASC	AC magnetic field (Single-phase AC welding magnetic field)	Pre-wired connector	2-color indicator	2-wire (3–4)	24 VDC	0.3 m	Relay, PLC Note 1)
	D-P3DWASE				2-wire (1–4)			
	D-P3DWA		Grommet		2-wire		0.5 m	
	D-P3DWAL						3 m	
	D-P3DWAZ						5 m	

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

Small Auto Switch

Type	Special function	Electrical entry	Indicator light	Wiring (Output)	Load voltage DC	Load voltage AC	Auto switch model Perpendicular	Auto switch model In-line	Lead wire length [m] 0.5 (Nil)	1 (M)	3 (L)	5 (Z)	Pre-wired connector	Applicable load
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	5 V,12 V	—	M9NV	—	●	●	●	○	○	IC circuit
				3-wire (PNP)			M9PV	—	●	●	●	○	○	
				2-wire	12 V		M9BV	—	●	●	●	○	○	Relay, PLC
	Diagnostic indication (2-color indicator)			3-wire (NPN)	5 V,12 V		M9NWV	—	●	●	●	○	○	IC circuit
				3-wire (PNP)			M9PWV	—	●	●	●	○	○	
				2-wire	12 V		M9BWV	—	●	●	●	○	○	Relay, PLC
Reed auto switch	Diagnostic indication (2-color indicator)	Grommet	Yes	2-wire	24 V	12 V / 100 V	A73	—	●	—	●	—	—	Relay, PLC
						— / —	A79W	—	●	—	●	—	—	

∗ Solid state auto switches marked with "○" are produced upon receipt of order.
∗ The D-A9☐ and A9☐V cannot be mounted.
∗ For details about auto switches with pre-wired connector, refer to pages 1014 and 1015.
∗ 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····· L (Example) M9NWVZ

⊛SMC