





Applicable Auto Switch/Refer to page 10-20-1 for further information on auto switches.

		Special function	Electrical	Indicator light		Load voltage				Lead wire length (m)*						
T	Type				Wiring (Output)	DC		10	Auto switch model		0.5	3	5	Pre-wire	Applic	Applicable load
			entry	Indic	(Output)		DC	AC	Perpendicular	In-line	(Nil)	(L)	(Z)	connector		
7	- L				3-wire		5 V	_	A96V	A96					IC circuit	
	switch	—	Grommet	es	(NPN equivalent)	_	5 V	_	ASOV	A90	•		_			
0	- N			≻	2-wire	24 V	12 V	100 V	A93V	A93			—		—	Relay, PLC
	Solid state switch				3-wire (NPN)		5 V, 12 V		M9NV	M9N			0	0	IC circuit	
¢					3-wire (PNP)				M9PV	M9P			0	0		
t	tç		Grommet	ß	2-wire	24 V	12 V	_	M9BV	M9B			0	0	-	Relay, PLC
	SWI		Giommer	Yes	3-wire (NPN)	24 V			F9NWV	F9NW			0	0	IC circuit	
ŭ	5	Diagnostic indication (2-color indication)			3-wire (PNP)		5 V, 12 V		F9PWV	F9PW	•		0	0		
					2-wire		12 V		F9BWV	F9BW		٠	0	0	_	
*Le	* Lead wire length symbols: 0.5 m Nil (Exa							*	Solid state s	switches ma	arked with "	0" a	are p	oroduced u	pon rec	eipt of order.
			3 m	L	(Example) A	93L										

5 m·······Z (Example) F9NWZ

• Since there are other applicable auto switches than listed, refer to Best Pneumatics Vol. 7 for details.

• For details about auto switches with pre-wire connector, refer to page 10-20-66.

Low Speed Cylinder Double Acting, Single Rod Series CUX

Specifications

1										
Fluid						Air				
Proof pre	essure				1.0	05 MPa	а			
Maximur	n operating pres	sure				7 MPa	-			
	and fluid temper	ature		Without auto switch: -10 to 70°C (No freezing) With auto switch: -10 to 60°C (No freezing)						
Lubricati	on				Not requir					
Piston sp	beed				ø10, ø16:					
Cushion					ø20 to ø32:					RE
Rod end	throad				Rubber bum	e threa		5		
Thread to						Class				RE
	ength tolerance				+	-1.0 Note				
Mounting	0					sic styl	le			C
linim	um Opera	ting Pres	sure	e			Note) T	Toleranc	e +1.0	
Bores	size (mm)	10	16		20	2	25	32		MG
	g pressure (MPa)	0.06	0.0		0.05		.05	0.05		RH
		0.00	0.0	0	0.05	0.	.05	0.00	,	
tanda	ard Stroke)								MK
	Bore size (mr	n)			Standard s	stroke	(mm)			RS
	10, 16	,			5, 10, 15,					RS
				F	5, 10, 15, 20,	25 30	0 40 50			
	20, 25, 32				, 10, 10, 20,	20, 00	0, 40, 50			
	20, 25, 32				, 10, 10, 20,	20, 00	0, 40, 50			RZ
	20, 25, 32						0, 40, 50			
Be sure				auti	ons			Actua	itor I	Μ
	e to read bet ions, refer to	ore handlin pages 10-2	g. F	auti or Safe	ONS ety Instruc 4-6.	ction	is and A		itor	M
	to read be	ore handlin pages 10-2	g. F	auti or Safe	ONS ety Instruc 4-6.	ction			itor	RZ MI CE CE
Precaut	to read bei ions, refer to Mounti	ore handlin pages 10-2	g. F	or Safe to 10-2	ONS ety Instruc 4-6. Ma	ction	is and A		itor	MI
Precaut	e to read bet ions, refer to Mounti ution	fore handlin pages 10-2 ng	g. F 24-3	or Safe to 10-2	ONS ety Instruc 4-6.	ction ainte	is and A enance		itor	MI CE CE
Cau Tightenin of the i	e to read bet ions, refer to Mounti Ition ng the cylinder ndicated torqu	fore handlin pages 10-2 ng beyond the rate (shown in	g. F 24-3 nge the	or Safe to 10-2	ONS ety Instruc 4-6. Ma Caution	ction ainte n parts	is and A enance			
Tightenin of the i table be Loctite®	e to read bet ions, refer to Mounti Ition ng the cylinder	beyond the rate (shown in toperation. Application. Application. Application. Application. Application.	g. F 24-3	or Safe to 10-2	ONS ty Instructure 4-6. Ma Caution placement der it in according size Kit r	ction ainte n parts ordanc	enance /Seal kit			MI CE CI ML
Tightenin of the i table be Loctite® threads.	to read bet ions, refer to Mounti Ition ng the cylinder ndicated torqu low) may affec (no. 242, Blue	beyond the range (shown in toperation. Apply to the mount	g. F 24-3 nge the pply ting	or Safe to 10-2	ONS ety Instruct 4-6. Ma Caution placement der it in acco size m) Kit r	ction ainte parts ordano	enance /Seal kit	e bore ntents		
Tightenin of the i table be Loctite® threads.	e to read bet ions, refer to Mounti Ition ng the cylinder ndicated torqu low) may affec (no. 242, Blue Hexagon socket	beyond the rance (shown in to peration. Apply to the mount Proper tightening to	g. F 24-3 nge the oply ting	or Safe to 10-2	ONS ety Instruct 4-6. Ma Caution placement der it in acco size m) Kit r 5 CUX16	ction ainte parts ordanc no. 6-PS F	enance Seal kit ce with the	e bore ntents	size.	
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JIS Symbol Double acting, Single rod

