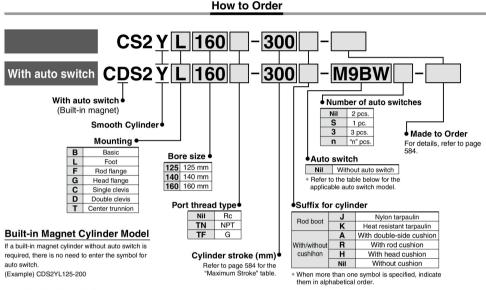
Smooth Cylinder CS2Y Series Ø125. Ø140, Ø160



Applicable Auto Switches / For detailed auto switch specifications, refer to pages 1575 to 1701

Туре	Special function	Electrical entry	Indicator light	Wiring	Load voltage		Auto switch model		Lead wire length ((m)	Pre-wired			
				(Output)	DC		AC	Tie-rod mounting	Band mounting	0.5 (Nil)	1 (M)	3 (L)	5 (Z)	connector	Applicable load	
Solid state auto switch		Grommet Terminal		3-wire (NPN)		5 V, 12 V	_	M9N	_	•	•	•	0	0	IC circuit	iit Relay, PLC
				3-wire (PNP)	P) 24 V			M9P	_	•	•		0	0		
				2-wire				M9B	Ī	•			0	0		
				3-wire (NPN)	24 V	5 V, 12 V			G39	_	-	_	_	_	IC circuit	
		conduit		2-wire		12 V		_	K39	_	-	_	_	_	_	
	Diagnostic indication (2-color indicator)	Grommet	Yes	3-wire (NPN)		5 V, 12 V		M9NW	Ī	•			0	0	IC circuit	
				3-wire (PNP)				M9PW	_	•			0	0	—	
				2-wire		12 V		M9BW	_	•			0	0		
	Water resistant (2-color indicator)			3-wire (NPN)		5 V, 12 V		M9NA*1	-	0	0		0	0	IC circuit	
				3-wire (PNP)				M9PA*1	-	0	0		0	0	io di cui	
				2-wire		12 V		M9BA*1	-	0	0		0	0	_	
	Diagnostic indication (2-color indicator)			4-wire (NPN)		5 V, 12 V		F59F	-	•	-		0	0	IC circuit	
	Magnetic field resistant (2-color indicator)			2-wire (Non-polar)		_		P3DWA	_	•	_			0	_	
auto switch	_		Yes No Yes	3-wire (NPN equivalent)	_	5 V	_	A96	_	•	-		_	_	IC circuit	_
					24 V	12 V	100 V	A93	_	•	•		•	_	_	
						5 V, 12 V	100 V or less	A90	_	•	_		_	_	IC circuit	Rela
						12 V	100 V, 200 V	A54	_	•	_		•	_		PLC
			No	2-wire			200 V or less	A64	_	•	-		_	_		
a		Terminal						_	A33	_	_ - - -	_		PLC		
Reed		conduit	Yes				100 V, 200 V	_	A34	_	-	_	_	_		Relay, PLC
		DIN terminal						_	A44	_	_	-	_	_		
	Diagnostic indication (2-color indicator)	Grommet						A59W	_	•	-		_	_		

- *1 Water resistant type auto switches can be mounted on the above models, but in such case SMC cannot guarantee water resistance.
- Consult with SMC regarding water resistant types with the above model numbers.

 Lead wire length symbols: 0.5 m l(Example) M9NW 3 m...... L (Example) M9NWL
- 1 m M (Example) M9NWM

 * Solid state auto switches marked with "O" are produced upon receipt of order.
- * Since there are applicable auto switches other than listed, refer to page 589 for details.
- For details about auto switches with pre-wired connector, refer to pages 1648 and 1649.
 D-A9□, M9□, M9□W, M9□A, P3DWA□ are shipped together (but not assembled). (Only auto switch mounting bracket is assembled at the time of shipment.)

(Example) M9NWZ

583

D-□

-X□

Technical

CJ1

C.IP

CJ2 JCM

CM₂

CM3

CG₁

CG3

JMB

MB

MB₁

CA2

CS₁

CS2