SCP*2
CMK2
CMA2
SCM
SCG

Pencil shaped cylinder Double acting, with speed control valve

SCPD2-Z Series

lacktriangle Bore size: ϕ 10, ϕ 16



Specifications

SCM SCG SCA2 SCS CKV2

CA/OV2 SSD CAT MDC2 MVC SMD2 MSD* FC* STK ULK* JSK/M2 JSG JSC3 USSD USC JSB3 LMB STG

STS/L LCS LCG LCM

LCY STR2

UCA2

HCM HCA SRL2 SRG

SRM SRT MRL2 MRG2

SM-25 CAC3

UCAC RCC2 MFC SHC GLC

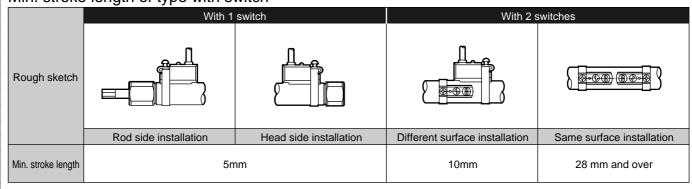
op comeanone					
Descriptions	SCPD2-Z SCPD2-ZL				
Bore size mm	<i>φ</i> 10	<i>φ</i> 16			
Actuation	Double acting, with	Double acting, with speed control valve			
Working fluid	Compre	essed air			
Max. working pressure MPa	1.0				
Min. working pressure MPa	0.1				
Withstanding pressure MPa	1.6				
Ambient temperature -10 to 60 (no freezing)					
Port size	M5				
Stroke tolerance mm	+1.0 0				
Working piston speed mm/s	50 to 500				
Cushion	Rubber cushion				
Lubrication	Not required (when lubricating, use turbine oil ISO VG32.)				
Allowable energy absorption J 0.041 0.162					

Stroke length

Bore size (mm)	Standard stroke length (mm)	Max. stroke length (mm)	Min. stroke length (mm)	
φ 10	45 20 45 60	200	_	
<i>φ</i> 16	15, 30, 45, 60	260	5	

Note 1: Custom stroke length is available per 1mm increment.

Min. stroke length of type with switch



SCPD2-Z Series

Specifications

Switch specifications

Switch specifications						
	Proximit	ty 2-wire	Proximity 3-wire			
Descriptions	M2V	M2WV (2 color indicator type)	M3V	M3PV (Custom order)	M3WV (2 color indicator type)	
Applications	Programmable controller			r, relay, l valve		
Output method			NPN output	PNP output	NPN output	
Power voltage			4.5 to 2	28 VDC	10 to 28 VDC	
Load voltage	10 to 30 VDC					
Load current	5 to 20 mA		200 mA or less	100 mA or less	150 mA or less	
Light	LED (ON lighting)	O (ON lighting) Red/green LED (ON lighting)		Yellow LED (ON lighting)	Red/green LED (ON lighting)	
Leakage current	1 mA or less		10 μA or less	0.05 mA or less	10 μ A or less	
Descriptions						
Descriptions	M	OV V	M			
Applications	Programmable controller, relay		Programmable controller, relay, IC circuit (w/o light), serial connection			
Load voltage / current	5 to 50 mA wit	h 12/ 24 VDC	50 mA or less at			
	7 to 20 mA at	110 VAC	20 mA or less at			
Light	LED (ON lighting)		Without inc			
Leakage current	rrent 0mA					

Cylinder weight

(Unit: g)

- j -	J. J									(0: 9)
Tura	Stroke length	Without switch			With switch (2 switches)			Switch weight		
Туре	Bore size (mm)	15st	30st	45st	60st	15st	30st	45st	60st	(per switch)
00000 7	<i>φ</i> 10	36	41	46	51	84	89	94	99	24
SCPD2-Z	<i>ϕ</i> 16	66	74	82	90	114	122	130	138	24

Mounting bracket weight

(Unit: g)

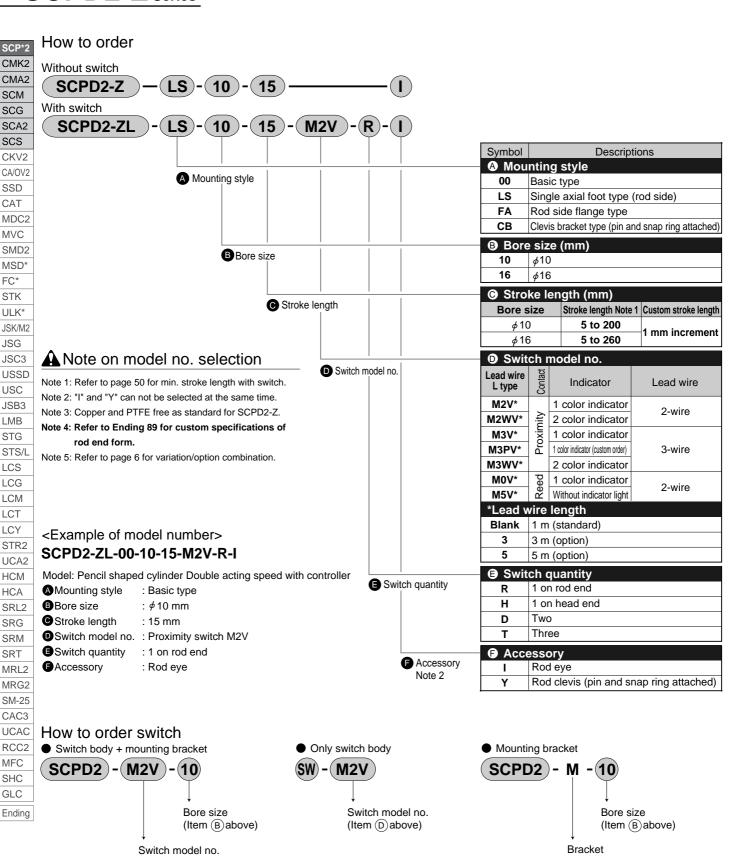
			(0)		
	Mounting style				
Applicable bore size	Foot type LS	Flange type FA	Clevis type CB		
φ10	6	4	4		
φ16	15	12	10		

SCP*2 CMK2 CMA2 SCM SCG SCA2 scs CKV2 CA/OV2 SSD CAT MDC2 MVC SMD2 MSD* FC* STK ULK* JSK/M2 JSG JSC3 USSD USC JSB3 LMB STG STS/L LCS LCG LCM LCT LCY STR2 UCA2 HCM HCA SRL2 SRG SRM SRT MRL2 MRG2 SM-25 CAC3 UCAC RCC2 MFC

> Pencil shaped cylinder Standard type

SHC GLC Ending

SCPD2-Z Series



How to order mounting bracket

Bore size (mm) Mounting bracket	φ10	<i>φ</i> 16			
Foot (LS)	P2-LS-10M	P2-LS-16M			
Flange (FA)	P2-FA-10M	P2-FA-16M			

(Item (D) above)

Note: 1 pc./set is applied for a foot (LS) type mounting bracket.