

LCR

LCG

I CX

STG STR2 UCA₂

ULK* JSK/M2

JSC3/JSC4

USSD **UFCD**

USC

LMB

I MI

HCM

НСА

LBC

CAC4

UCAC2

CAC-N

UCAC-N

RCS2

RCC2 PCC

SHC

MCP

GLC MFC

BBS

RRC **GRC** RV3 NHS HRI LN

Hand Chuk

MecHnd/Chuk ShkAbs FJ FΚ

SpdContr Ending

UB

Cylinder with length measuring sensor

SSD-LN Series

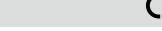
Bore size: ø12/ø16/ø20/ø32/ø50



* Excluding display

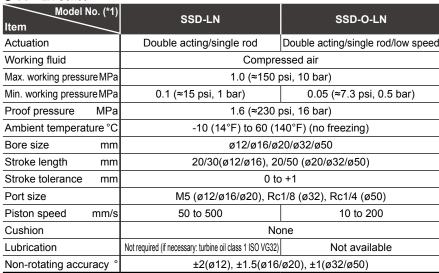






Cylinder section specifications

SSD-LN Series



^{*1 :} Appearance and dimensions of cylinders are the same as the compact cylinder SSD-ML (double acting rotation-stop), but the internal structure differs. (This cylinder is for length measurement.)

Sensor, amplifier (separated) specifications

Display section specifications

Refer to page 1471.

Refer to page 1470.

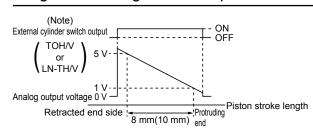
Weight table

Unit (g)

Stroke length Bore size	20	30	50
ø12	111	122	
ø16	135	157	
ø20	189		263
ø32	346		476
ø50	661		914

Length measuring sensor output characteristics

SSD-LN



A separate analog output ON-OFF switchover switch for retrieving the analog output voltage is required at a random 8 mm (10 mm for display) interval of the full cylinder stroke. Combinations are shown below.

Analog output ON-OFF switch model No.	Output	Measured range length			
TOH/V5	Analog output	8 mm			
LN-TH/V	Display	10 mm			

SSD-LN*Series

LCM

STG

ULK* JSK/M2

JSC3/JSC

JSB3

LMB

НСА

LBC

CAC4

UCAC2

RCS2

PCC

MCP

RV3

Chuk

MecHnd/Chu

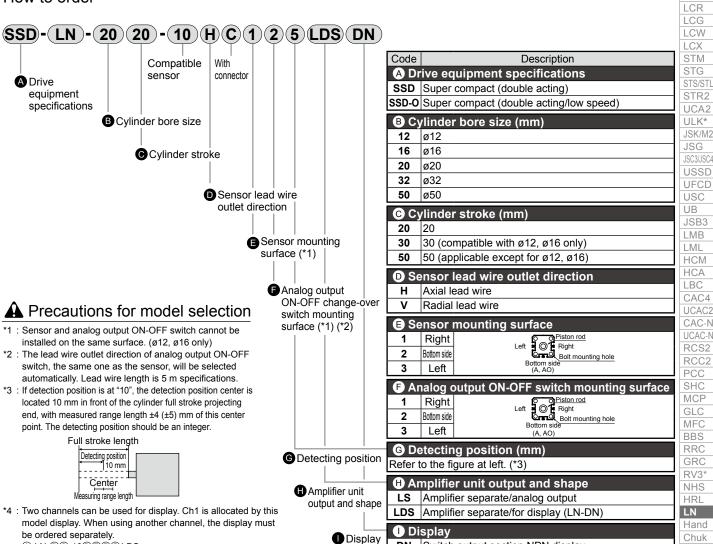
ShkAbs

SpdContr

Ending

FJ

FΚ



be ordered separately.

A-LN-BC-10DEFGLDS

- *5 : When ordering a single model for maintenance:
 - · Cylinder: A-LN-BC

How to order

- Sensor: LN-10DC
- · Amplifier unit: LN-H
- · Display: LN-DN
- · Analog output ON-OFF switch

SW-TOH5 or TOV5: Select when the mounted actuator is ø20 and over in diameter with an analog output amplifier (LN-LS). LN-TH or TV: Select for display.

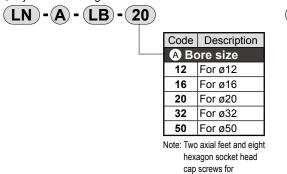
When placing a discrete order, refer to product specifications sheet

or handling precautions attached with the unit for details on setting.

Cylinder mounting bracket model No.

Discrete cylinder switch model No.

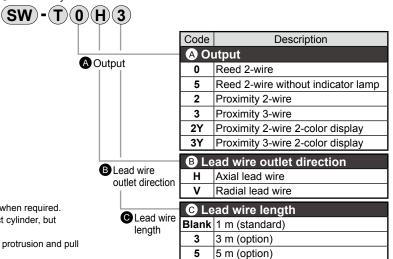
(*4)



(4 pcs. for ø50). Cylinder mounting bracket (axial foot) is available. Order separately when required. Appearance and outline dimensions are the same as for the compact cylinder, but mounting bolt material differs. (Stainless steel bolt dedicated)

Cylinder switches may be mountable in a separate groove for piston protrusion and pull end confirmation. Order separately when required.

installation are attached



DN Switch output section NPN display

SSD-LN/SSD-O-LN Series

Dimensions

LCM LCR LCG

LCW

LCX

STM

STS/STL STR2 UCA2

ULK* JSK/M2 JSG

JSC3/JSC4 USSD

UFCD

USC UB JSB3

LMB LML HCM HCA

LBC CAC4 UCAC2 CAC-N UCAC-N RCS2 RCC2 PCC

SHC

MCP
GLC
MFC
BBS
RRC
GRC
RV3*
NHS
HRL
LN
Hand

Chuk

FK

MecHnd/Chuk ShkAbs FJ

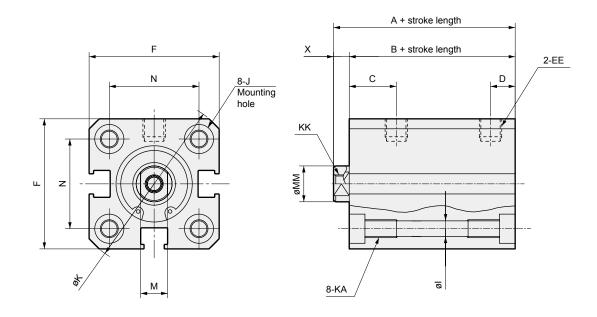
SpdContr

Ending



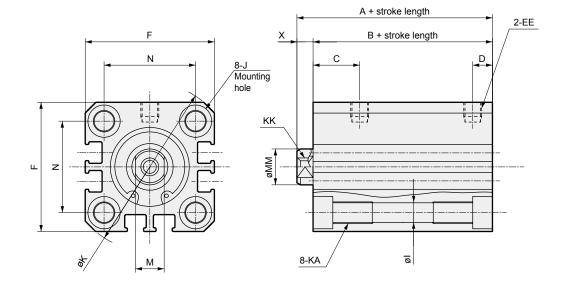
● SSD-LN/SSD-O-LN
· ø12/ø16

- *1 : Refer to pages 1472 and 1473 for outline dimensions of the sensor, amplifier (separated), and display.
- *2 : Refer to the next page for dimensions.



● SSD-LN/SSD-O-LN

· ø20



SSD-LN/SSD-O-LN Series

Dimensions

LCM LCR LCG

LCW

LCX

STM STG STS/STL STR2 UCA2 ULK* JSK/M2

JSG

JSC3/JSC4

USSD

UFCD

USC

JSB3 LMB LML HCM

UB

Dimensions



18

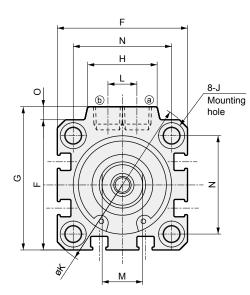
ø50

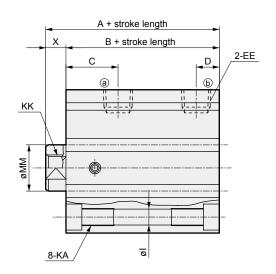
20

50

● SSD-LN/SSD-O-LN ·ø32/ø50

Note: Refer to pages 1472 and 1473 for outline dimensions of the sensor, amplifier (separated), and display.





Code Bore size (mm)	A	В	С	D	EE	F	G	н	1	J	К	KA	КК	L
ø12	35.5	32	10.5	5.5	M5	25	-	-	3.5	6.5 spot face depth 3.5	32	M4 depth 7	M3 depth 6	-
ø16	35.5	32	10.5	5.5	M5	29	-	-	3.5	6.5 spot face depth 3.5	38	M4 depth 7	M4 depth 8	-
ø20	39	34.5	13	5.5	M5	36	-	-	5.5	9 spot face depth 5.5	47	M6 depth 11	M5 depth 7	-
ø32	50	43	18	8	RC1/8	45	49.5	24	5.5	9 spot face depth 5.5	60	M6 depth 11	M8 depth 13	10
ø50	53.5	45.5	15.5	10.5	RC1/4	64	71	33	6.9	11 spot face depth 6.5	86	M8 depth 13	M10 depth 15	15
Code Bore size (mm)	М	ММ	N	o	х	Remarks								
ø12	5	6	15.5	-	3.5	Overall length is 5 mm longer than standard product (SSD-ML). Other dimensions are the same as standard products.							products.	
ø16	6	8	20	-	3.5	Overall length is 5 mm longer than standard product (SSD-ML). Other dimensions are the same as standard products.								
ø20	8	10	25.5	-	4.5	Dimensions are the same as standard product (SSD-ML).								
ø32	14	16	34	4.5	7	Dimensions are the same as standard product (SSD-ML).								

Dimensions are the same as standard product (SSD-ML).

HCA LBC CAC4 UCAC2 CAC-N UCAC-N RCS2 PCC SHC MCP GLC MFC BBS RRC GRC RV3 NHS HRL LN Hand Chuk MecHnd/Chuk ShkAbs FJ FΚ

SpdContr Ending