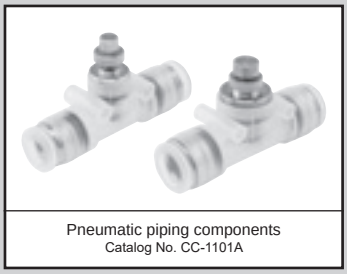
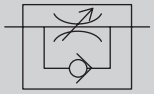


Pneumatic piping components
Catalog No. CC-1101A

PP (Polypropylene resin) Speed controller Line type

SCLF-P4 Series

- For air drive Component
- Port size ø4, ø6, ø8, ø10, ø12

JIS symbol 

RoHS

Specifications

Model No. / Item		SCLF-H44S-P4	SCLF-H66S-P4	SCLF-H88S-P4	SCLF-H1010S-P4	SCLF-H1212S-P4
Applicable tube diameter	mm	ø4	ø6	ø8	ø10	ø12
Working fluid		Air				
Max. working pressure	MPa	0.9 (*1)				
Min. working pressure	MPa	0.05				
Guaranteed proof pressure	MPa	1.35 (*2)				
Operating ambient temperature range	°C	0 to 60 (no freezing) (*3)				
Product weight	g	10	15	26	44	62
Dial value (needle position)		10 or more	11 or more	8 or more		

*1: The max. working pressure is the value at 20°C. When using in other temperature ranges, refer to the "Relation of operating ambient temperature and max. working pressure" given below.
*2: The proof pressure is the value at 20°C. The proof pressure is 1.5 times the maximum working pressure.
*3: Freezing may occur by adiabatic expansion depending on the air quality (dew point).

Flow rate and effective cross-sectional area

Model No. / Item			SCLF-P4				
			SCLF-H44S-P4	SCLF-H66S-P4	SCLF-H88S-P4	SCLF-H1010S-P4	SCLF-H1212S-P4
Compatible tube O.D.		mm	ø4	ø6	ø8	ø10	ø12
Free flow	Flow rate	ℓ/min (ANR)	145	310	50	950	1380
	Effective cross-sectional area	mm^2	2.1	4.6	8.2	14	20.5
Controlled flow	Flow rate	ℓ/min (ANR)	95	250	410	880	1300
	Effective cross-sectional area	mm^2	1.4	3.7	6.0	13	19

*1: Flow rate is the atmospheric pressure conversion value at pressure 0.5 MPa.
*2: The effective cross-sectional area lists the value converted from the flow rate.

How to order

SCLF - H66S -P4

- SCLF: Union made of PP Straight Speed controller
- H66S: Ⓐ Compatible tube O.D.

Code	Description
Ⓐ Compatible tube O.D.	
H44S	ø4
H66S	ø6
H88S	ø8
H1010S	ø10
H1212S	ø12

Relation of operating ambient temperature and max. working pressure