



FUNCTIONAL FITTINGS



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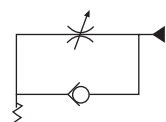
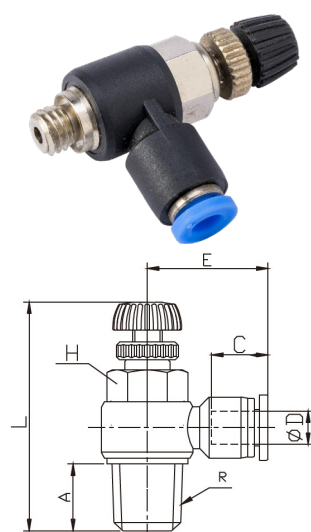
APPLICATION:

Flow control valves are used in pneumatic systems to regulate the flow rate of compressed air. MECALINE wide range valve includes wall-mounted or direct mounted on pneumatic cylinder Flow Regular to control the flow speed, one-way or Bi-Directional flow valves, 2/2 or 3/2 discharge Shut-off valves and Non Return valves.

SPECIFICATION:

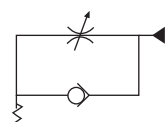
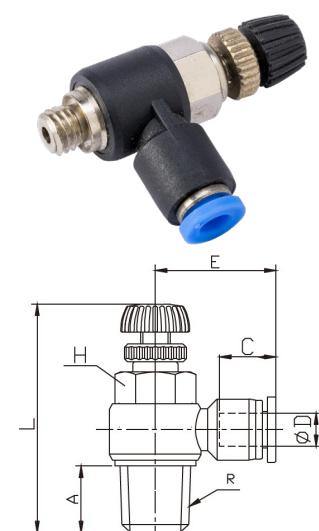
Fluids: Air
 Pressure Range: 0...1.0 MPa
 Max Pressure: 1.0 MPa
 Temperature range: -10°C...80°C
 Applicable Tube: Polyurethane, Polyamide, Bi-Polymer

FLOW REGULATOR IN FLOW



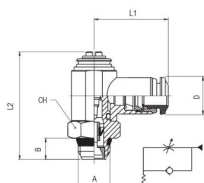
CODE	ØD	G	A	H	E	C	L Min	L Max
860084	3	M5	3.5	8	18.1	12.4	31.2	38.0
860085	4	M5	3.5	8	20	14.9	31.7	38.5
853010	4	G1/8	6	10	22.3	14.9	37.5	44.3
858704	4	G1/4	8.3	14	24	14.9	43.7	51.3
853011	6	G1/8	6	10	22.9	15.4	37.5	44.3
853012	6	G1/4	8.3	14	24.9	15.4	43.7	51.3
853013	8	G1/8	6	10	25.3	17.3	37.5	44.3
853014	8	G1/4	8.3	14	28.4	18.3	43.7	51.3
853015	8	G3/8	9.5	19	29.3	18.3	48.4	55.3
858705	8	G1/2	13	24	32.3	18.3	52.7	59.5
858707	10	G1/4	8.3	14	32	20.5	43.7	51.3
853016	10	G3/8	9.5	19	32.5	20.5	48.4	55.3
858708	12	G1/4	8.3	14	32	21.6	43.7	51.3
858709	12	G3/8	9.5	19	35.3	21.8	48.4	55.3
853017	12	G1/2	13	24	36.3	22.3	52.7	59.5

FLOW REGULATOR EXHAUST



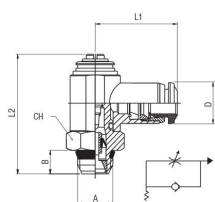
CODE	ØD	G	A	H	E	C	L Min	L Max
853375	3	M5	3.5	8	18.1	12.4	31.2	38.0
853376	4	M5	3.5	8	20	14.9	31.7	38.5
853001	4	G1/8	6	10	22.3	14.9	37.5	44.3
858697	4	G1/4	8.3	14	24	14.9	43.7	51.3
853002	6	G1/8	6	10	22.9	15.4	37.5	44.3
853003	6	G1/4	8.3	14	24.9	15.4	43.7	51.3
853004	8	G1/8	6	10	25.3	17.3	37.5	44.3
853005	8	G1/4	8.3	14	28.4	18.3	43.7	51.3
853006	8	G3/8	9.5	19	29.3	18.3	48.4	55.3
858698	8	G1/2	13	24	32.3	18.3	52.7	59.5
858700	10	G1/4	8.3	14	32	20.5	43.7	51.3
853007	10	G3/8	9.5	19	32.5	20.5	48.4	55.3
858701	12	G1/4	8.3	14	32	21.6	43.7	51.3
858702	12	G3/8	9.5	19	35.3	21.8	48.4	55.3
858703	12	G1/2	13	24	36.3	22.3	52.7	59.5

FLOW REGULATOR - IN FLOW – UNIVERSAL THREAD



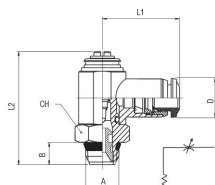
CODE	ØD	A	B	L1	L2	CH	D
840742	4	1/8	5,5	21,5	31	14	10
840743	6	1/8	5,5	23	31	14	12.5
840744	6	1/4	7	25,5	36,5	17	12.5
840745	8	1/8	5,5	23,5	31	14	14
840746	8	1/4	7	26	36,5	17	14
840747	8	3/8	8,5	27,5	42,5	20	14
840748	10	3/8	8,5	30,5	42,5	20	17
840749	12	1/2	10	35	47	24	21.5

FLOW REGULATOR – EXHAUST – UNIVERSAL THREAD



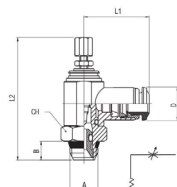
CODE	ØD	A	B	L1	L2	CH	D
840752	4	1/8	5,5	21,5	31	14	10
840753	6	1/8	5,5	23	31	14	12.5
840754	6	1/4	7	25,5	36,5	17	12.5
840755	8	1/8	5,5	23,5	31	14	14
840756	8	1/4	7	26	36,5	17	14
840757	8	3/8	8,5	27,5	42,5	20	14
840758	10	3/8	8,5	30,5	42,5	20	17
840759	12	1/2	10	35	47	24	21.5

BI-DIRECTIONAL WITH EXTERNAL SCREW – UNIVERSAL THREAD



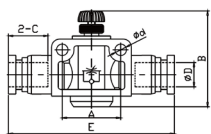
CODE	ØD	A	B	L1	L2	CH	D
840815	4	1/8	5,5	21,5	31	14	10
840816	6	1/8	5,5	23	31	14	12.5
840817	6	1/4	7	25,5	36,5	17	12.5
840818	8	1/8	5,5	23,5	31	14	14
840819	8	1/4	7	26	36,5	17	14
840820	8	3/8	8,5	27,5	42,5	20	14
840821	10	3/8	8,5	30,5	42,5	20	17
840822	12	1/2	10	35	47	24	21.5

BI-DIRECTIONAL – UNIVERSAL THREAD



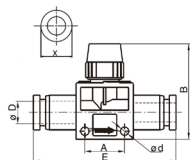
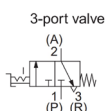
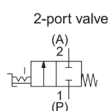
CODE	ØD	A	B	L1	L2 Min	L2 Max	CH	D
840717	4	1/8	5,5	21,5	44	49	14	10
840718	6	1/8	5,5	23	44	49	14	12.5
840719	6	1/4	7	25,5	48,5	55	17	12.5
840720	8	1/8	5,5	23,5	44	49	14	14
840721	8	1/4	7	26	48,5	55	17	14
840723	8	3/8	8,5	27,5	56	65	20	14
840722	10	3/8	8,5	30,5	56	65	20	17
840724	12	1/2	8,5	32,5	56	65	20	21.5

FLOW REGULATOR - WALL MOUNTING



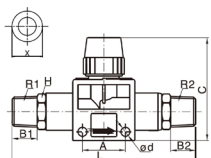
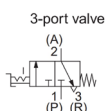
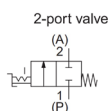
CODE	ØD	Ød	A	B Min	B Max	E	C
853019	4	3.2	14	28	31	39.5	14.4
853020	6	4.3	20	40.7	47.5	47.1	15.5
853021	8	4.3	22	44.1	51.8	52	16.8
853022	10	4.3	26	47.7	55.3	62.3	19.5
853023	12	4.3	32	52	58	73.6	22.3

SHUT-OFF VALVE – UNION - WALL MOUNTING



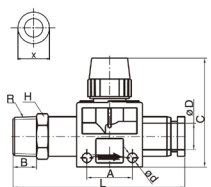
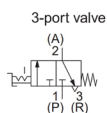
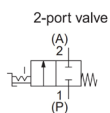
CODE 2/2 Way	CODE 3/2 Way	ØD	Ød	A	B	E	X
886583	886588	6	4.2	16.5	42.6	51.1	12
886584	886589	8	4.2	16.5	42.6	52	14
886585	886590	10	4.2	21.5	47	63.3	17
886586	886591	12	4.2	21.5	47	64.1	20

SHUT-OFF VALVE - MALE TAPER - WALL MOUNTING

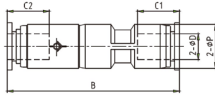


CODE 2/2 Way	CODE 3/2 Way	R1	R2	Ød	A	C	L	B1	B2	H
886593	886597	G1/8	G1/8	4.2	16.5	42.6	67	8.5	8.5	12
886594	886598	G1/4	G1/4	4.2	16.5	42.6	71	11	11	14
886595	886599	G3/8	G3/8	4.2	21.5	47	86.5	12	12	17

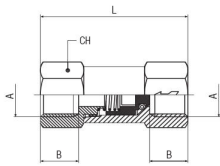
SHUT-OFF VALVE - MALE TAPER - > TUBE - WALL MOUNTING



CODE 2/2 Way	CODE 3/2 Way	ØD	R	Ød	A	B	C	L	H	X
886601	886606	6	G1/8	4.2	16.5	8.5	42.6	59.1	12	12
886602	886607	8	G1/8	4.2	16.5	8.5	42.6	60	14	14
886603	886608	8	G1/4	4.2	21.5	11	42.6	62.5	14	14
886604	886609	10	G3/8	4.2	21.5	12	47	74.9	17	17

NON RETURN VALVE - UNION

CODE	ØD	ØP	C1	C2	B	X
859725	4	11	15.4	14.9	50.8	10
859726	6	13	15.6	16	55.5	12
859727	8	14.8	18.3	18.2	58.5	14
859728	10	24.8	20.3	20.3	73.3	17
859729	12	24.8	22.7	22.7	78.7	20

NON RETURN VALVE - FEMALE THREADED

Temperature -10°C...+80°C. Max Pressure 8 Bar.

CODE	A	B	L	CH
869340	G1/8	8,5	35,5	13
869341	G1/4	11	43	17
858556	G3/8	12	58	24
858557	G1/2	15	63	24