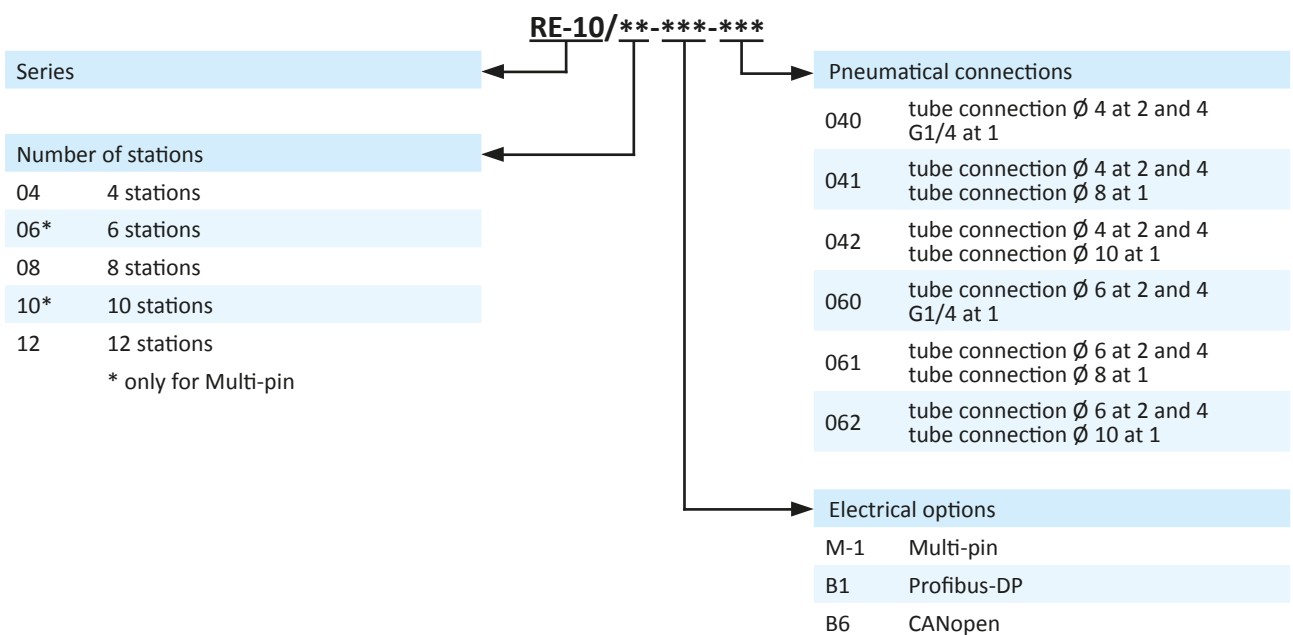


Technical details

Temperature range	+5°C ... +50°C
Medium	Filtered, oil-free and dried compressed air according to ISO 8573-1:2010, Class 7:2:4, instrument air, free of aggressive additives. Alternatively the pressure dew point must be at least 10°C below lowest occurring ambient temperature.
Materials	Body: Al (anodized), plastic, seals: NBR, FKM
Protection	IP 65 according to EN 60529



Manifold system with integrated electrical connection including LED indicators. Each station can accommodate two 3/2-way valves or one 5/2- or 5/3-way valve. All connections are accessible from the front. The valves and the multi-pin plug with cable must be ordered separately. The manifold can be mounted with 4 M5 screws from bottom or from top using the mounting bracket RE-10-B-01 or on a DIN-rail (screws are included). The valve terminal is delivered pre-assembled and function-tested. If not specified with the order, valve configuration is as follows: Valves are mounted according to their order number, starting with high numbers on the side of the multi-pin, ending with low numbers on the opposite side, followed by blind plates (if ordered).

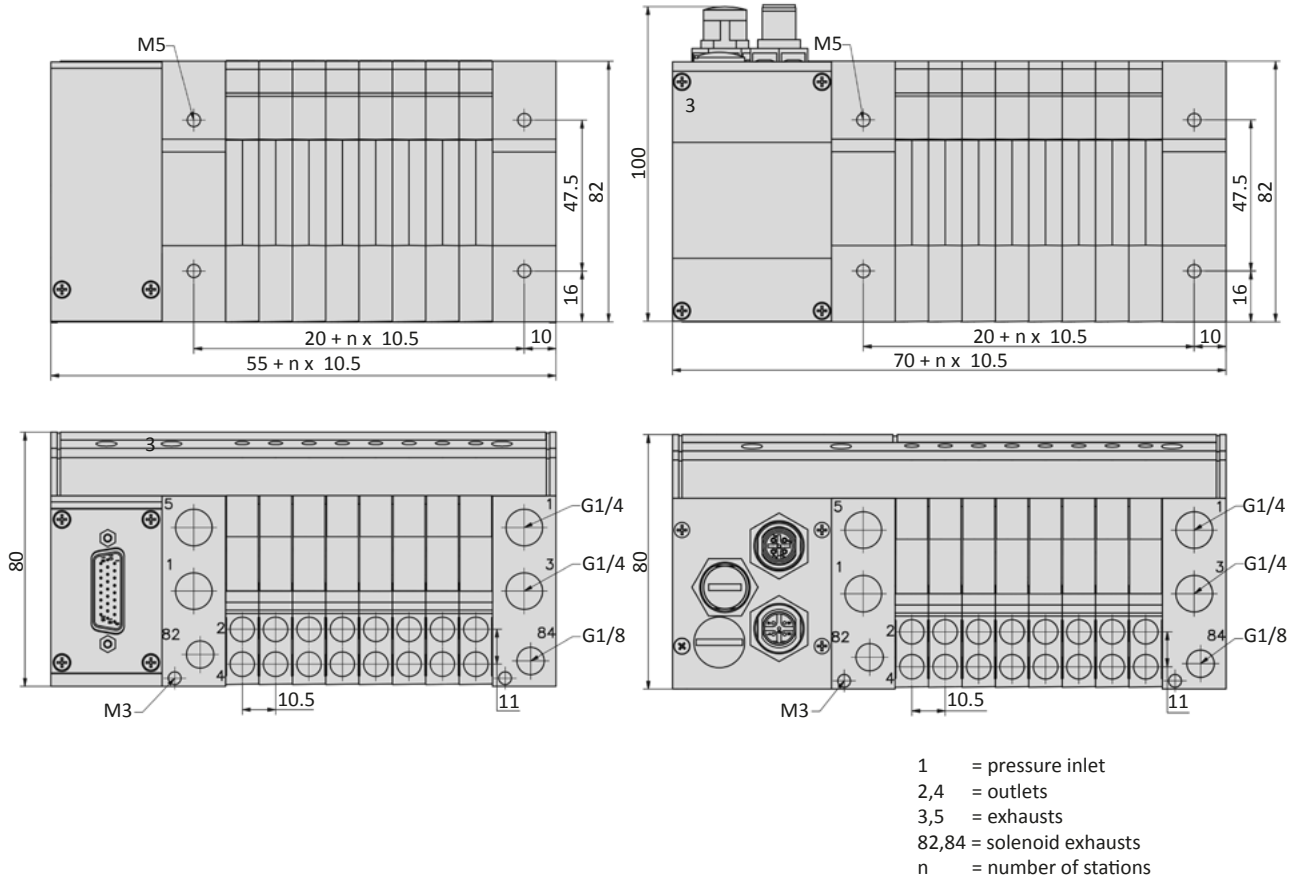
Order code


More detailed information about the installation you find in the manual at www.airtec.de.

Dimensions

Multi-pin

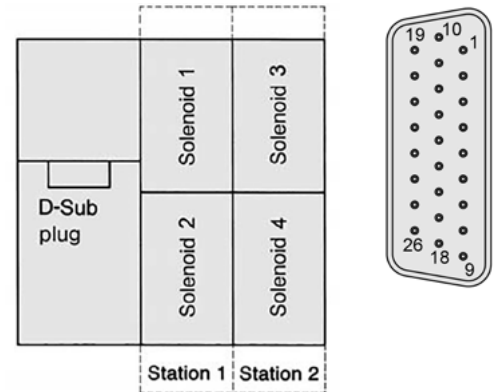
Bus connection



Electrical options
Multi-pin

The 26-pin multi plug (see page 7-13) has to be ordered separately.

Pin	Function	Wire colour	Pin	Function	Wire colour
1	solenoid 1	white	14	solenoid 14	brown/ green
2	solenoid 2	brown	15	solenoid 15	white/ yellow
3	solenoid 3	green	16	solenoid 16	yellow/ brown
4	solenoid 4	yellow	17	solenoid 17	white/ grey
5	solenoid 5	grey	18	solenoid 18	grey/ brown
6	solenoid 6	pink	19	solenoid 19	white/ pink
7	solenoid 7	blue	20	solenoid 20	pink/ brown
8	solenoid 8	red	21	solenoid 21	white/ blue
9	solenoid 9	black	22	solenoid 22	brown/ blue
10	solenoid 10	violet	23	solenoid 23	white/ red
11	solenoid 11	grey/ pink	24	solenoid 24	brown/ red
12	solenoid 12	red/ blue	25	GND	white/ black
13	solenoid 13	white/ green	26	-	-


Profibus-DP

Bus connector	Bus In: plug M12 5-pin B-code Bus Out: socket M12 5-pin B-code
Power connector	plug M12 5-pin A-code
Baud rate	9.6 Kbit/s ... 12 Mbit/s
Voltage	24 V DC ± 10%
Power consumption	4.3 W
Address selection	by 2 decimal coded rotary switches
Bus terminal resistance	external over Bus Out socket


CANopen

Bus connector	Bus In: plug M12 5-pin A-code Bus Out: socket M12 5-pin A-code
Power connector	plug M12 4-pin A-code
Baud rate	10 Kbit/s ... 1 Mbit/s
Voltage	24 V DC ± 10%
Power consumption	4.3 W
Address selection	by 2 decimal coded rotary switches
Bus terminal resistance	external over Bus Out socket



Series RE-10

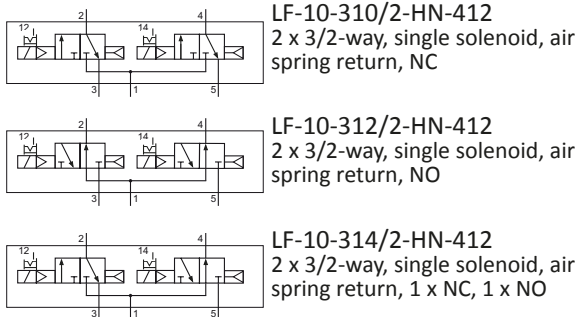
Technical details

Outlets	according to the pneumatical connections of the terminal
Nominal size	4 mm
Temperature range	+5°C ... +50°C
Medium	Filtered, oil-free and dried compressed air according to ISO 8573-1:2010, Class 7:2:4, instrument air, free of aggressive additives. Alternatively the pressure dew point must be at least 10°C below lowest occurring ambient temperature.
Materials	Body: Al (anodized), plastic, seals: NBR, FKM, PU inner parts: Al, stainless steel and brass
Nominal voltage	24 V DC, ± 10%
Power consumption	0.8 W
Protection	IP 65 according to EN 60529

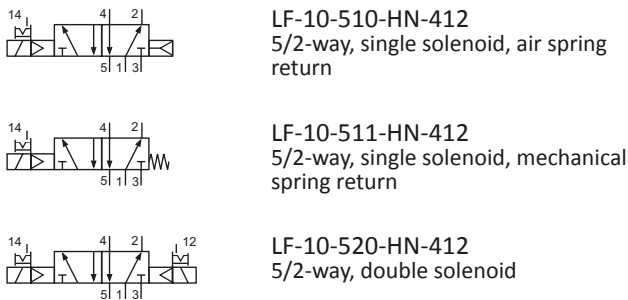


Electrically operated spool valve. The manual override is non-detent. The manual override is located on top of the terminal cover.

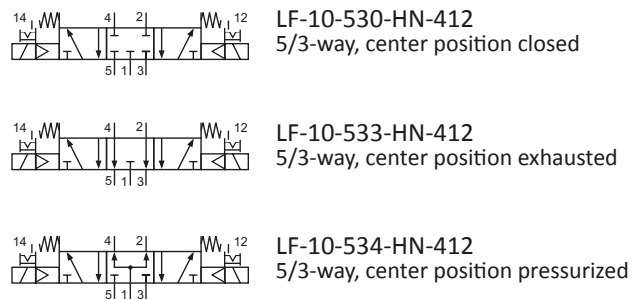
2 x 3/2-way valves



5/2-way valves



5/3-way valves



Technical data






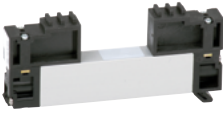
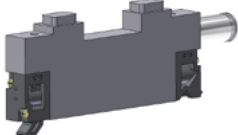
Model-no.:	LF-10-310/2-HN-412	LF-10-312/2-HN-412	LF-10-314/2-HN-412
Operating pressure (bar)	1.5...8	1.5...8	1.5...8
Pilot pressure (bar)	1.5...8	1.5...8	1.5...8
Flow rate (NI/min)	300	220	300 / 220 (NC / NO)
Response time (ms) at 6 bar	on: 14 off: 22	on: 14 off: 22	on: 14 off: 22
Weight (kg)	0.050	0.050	0.050

Technical data

Model-no.:	LF-10-510-HN-412	LF-10-511-HN-412	LF-10-520-HN-412
Operating pressure (bar)	1.5...8	3...8	1.5...8
Pilot pressure (bar)	1.5...8	3...8	1.5...8
Flow rate (NI/min)	300	300	300
Response time (ms) at 6 bar	on: 18 off: 28	on: 14 off: 30	on: 15 off: 15
Weight (kg)	0.044	0.042	0.052

Model-no.:	LF-10-530-HN-412	LF-10-533-HN-412	LF-10-534-HN-412
Operating pressure (bar)	3.5...8	3.5...8	3.5...8
Pilot pressure (bar)	3.5...8	3.5...8	3.5...8
Flow rate (NI/min)	280	280	300
Response time (ms) at 6 bar	on: 20 off: 30	on: 16 off: 30	on: 16 off: 30
Weight (kg)	0.050	0.050	0.050

Accessories

Model-no.:	RE-10-DT-01	Model-no.:	28-ST-10-M1-26-xxx
	Pressure dividing plug P-canal		26-pin multi plug, straight xxx = 105 5 m cable xxx = 110 10 m cable
Model-no.:	RE-10-MS-01	Model-no.:	28-ST-RE-46-xx-yy
	Kit for DIN-rail mounting		Connector kit xx = 01 in- and output xx = 02 with termination resistance yy = B1 Profibus yy = B6 CANopen
Model-no.:	RE-10-B-01		
	Mounting bracket (pair)		
Model-no.:	RE-10-V-EP		
	Blind plate		
Model-no.:	RE-10-P-01		
	Device for additional air supply		