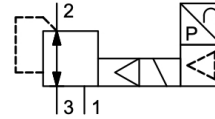
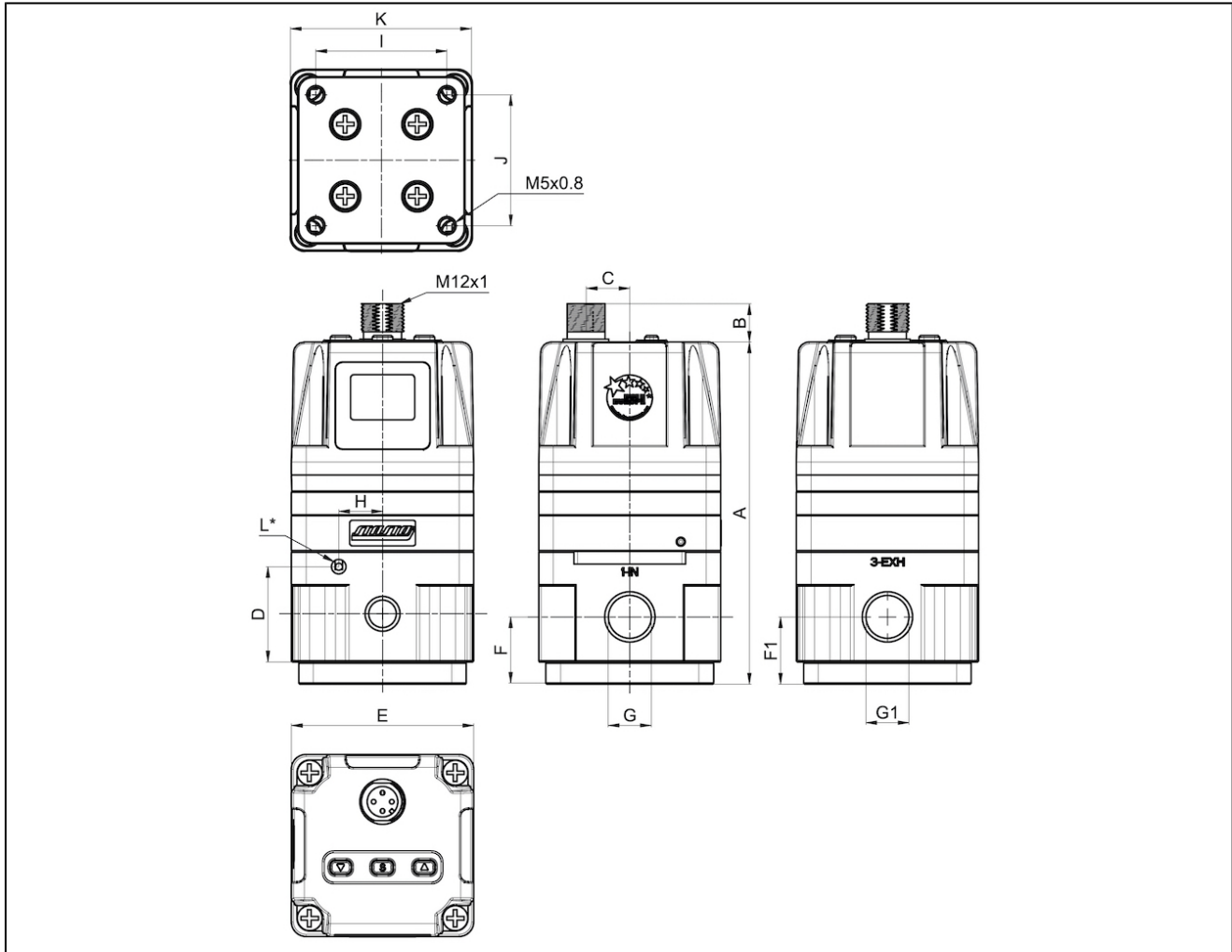


proportional pressure regulator series RE62/RE63



design	electro-pneumatic diaphragm pressure regulator, pilot-operated via 2/2-way solenoid valves, digital display, 3 digits, reversible display bar, MPa, PSI
connection	G1/4" ... G1/2" according to ISO228/1
materials	body aluminum, seals NBR
function	control of outlet pressure
type of fixing	installation in a pipe system, feet-type bracket or mounting bracket for wall mounting
mounting position	any
medium	filtered and non lubricated compressed air or neutral gases
medium temperature	0...+50°C
ambient temperature	0...+50°C
hysteresis	0,5% from the end value
linearity	±1% from the end value
accuracy of repeat	±0,5% from the end value
temperature effect	±2% from the end value
accuracy display	±2% from the end value
control time	< 0,5s above the adjustment range
special versions	connection NPT, 4 preset control pressures via 2 switching inputs
accessories	connector C012-41-CU20-9, brackets
pneumatic characteristic:	
inlet pressure	max. 10bar, at least 1 bar higher than the maximum control pressure
adjustment ranges	0,05...1 / 0,05...5 / 0,05...9bar
constant air consumption	no constant air consumption
electrical data:	
protection class	IP65 according to EN 60529 for a correctly mounted connector (protection against the penetration of dust and jet water)
supply voltage	24VDC ±10%
power consumption	3W
input signal	RE62 4...20mA, RE63 0...10V (0...20mA, 0...5V on request)
outlet signal	4...20mA (1...5V, switching output PNP or NPN on request)
load	6,5KΩ at voltage trigger 250Ω at current trigger
connection	M12, 4-pin

dimensions



connection IN/OUT G	connection EXH G1	A	B	C	D	E	F	F1	H	I	J	K	L*	weight [approx. kg]	type	type
G1/4"	G1/8"	69,8	10,5	12	19	50	11,4	11,4	14	40	22	50	M3		RE62-14	RE63-14
G1/4"	G1/4"	94	10,5	12	32,3	50	19	19	12	36	36	50	M5		RE62-14H	RE63-14H
G1/2"	G1/2"	115,3	10,5	12	65,6	50	22	25	14	36	36	66	M5		RE62-12	RE63-12

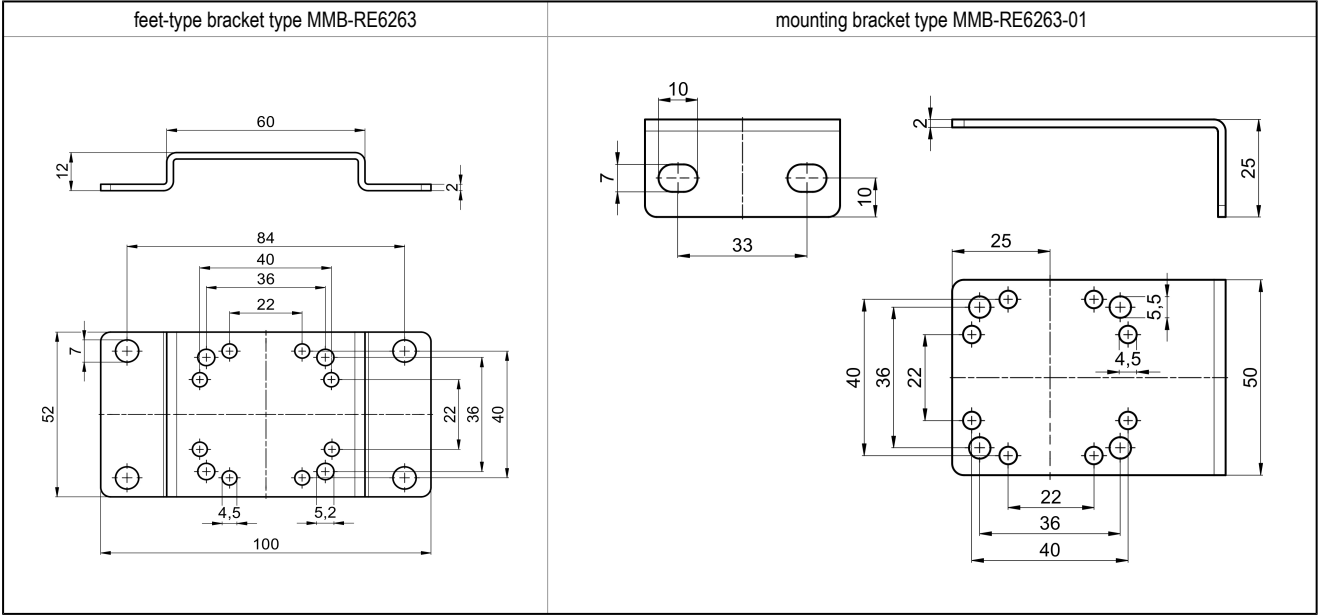
*air relieving pilot air

type RE62, RE63

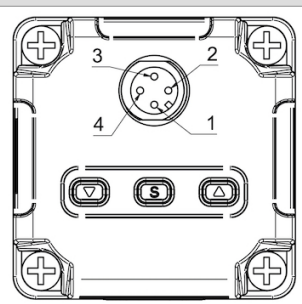
thread	pressure range [bar]	flow rate* [Nl/min]	type	type
G1/4"	0,05...1	300	RE62-14-0,05/1	RE63-14-0,05/1
G1/4"	0,05...5	300	RE62-14-0,05/5	RE63-14-0,05/5
G1/4"	0,05...9	300	RE62-14-0,05/9	RE63-14-0,05/9
G1/4"	0,05...1	1600	RE62-14H-0,05/1	RE63-14H-0,05/1
G1/4"	0,05...5	1600	RE62-14H-0,05/5	RE63-14H-0,05/5
G1/4"	0,05...9	1600	RE62-14H-0,05/9	RE63-14H-0,05/9
G1/2"	0,05...1	6000	RE62-12-0,05/1	RE63-12-0,05/1
G1/2"	0,05...5	6000	RE62-12-0,05/5	RE63-12-0,05/5
G1/2"	0,05...9	6000	RE62-12-0,05/9	RE63-12-0,05/9

*flow rate at input pressure of 10bar, output pressure of 6bar and 1bar pressure drop

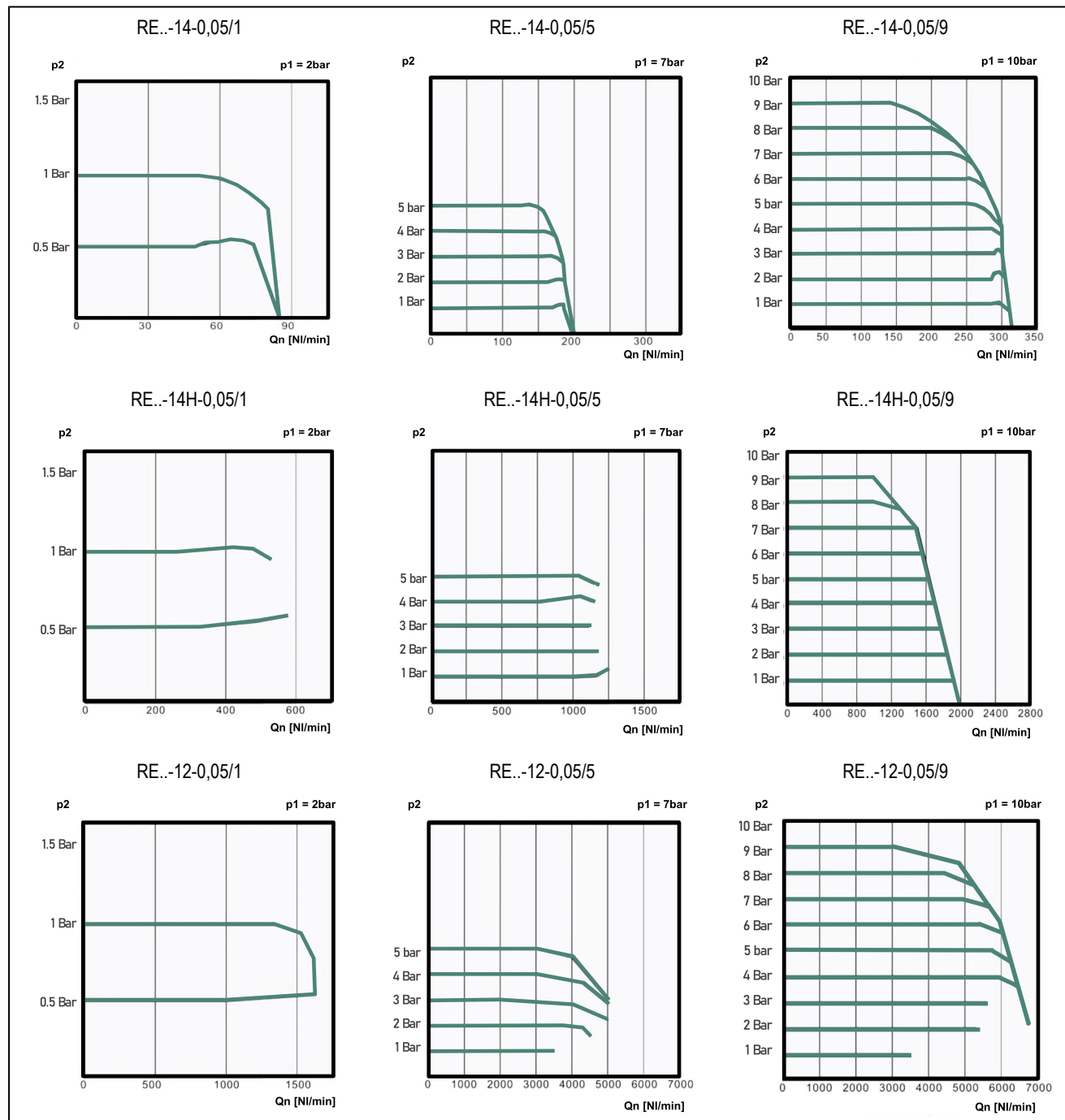
accessories



connection plan, core colours connector M12x1 with cable 2m type C012-41-CU20-9

	description	5-wires	pin
	V+ supply	brown	1
	input signal +	white	2
	V- supply, input signal -, outlet signal -	blue	3
	outlet signal +	black	4

flow diagrams



illustrations are non-binding
all designs, configurations, measurements and materials are subject to change without prior notice