



POLITECNICO
MILANO 1863

AUTOMATION OF A STORAGE WAREHOUSE

Automation of a storage warehouse

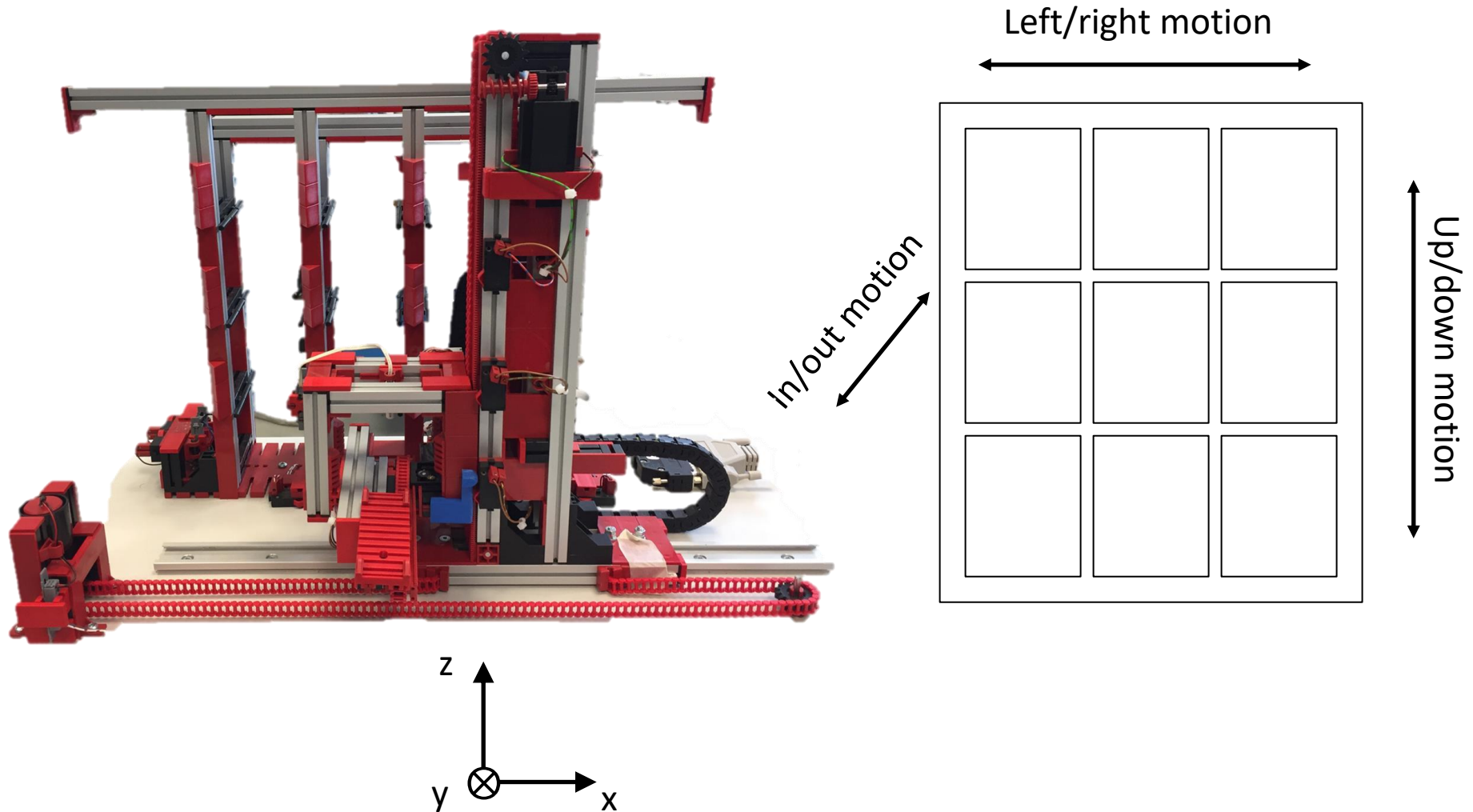
PM554, Prog.Logic Contr. 128kB



DC532, Digital I/O Mod. 16DI/16DO

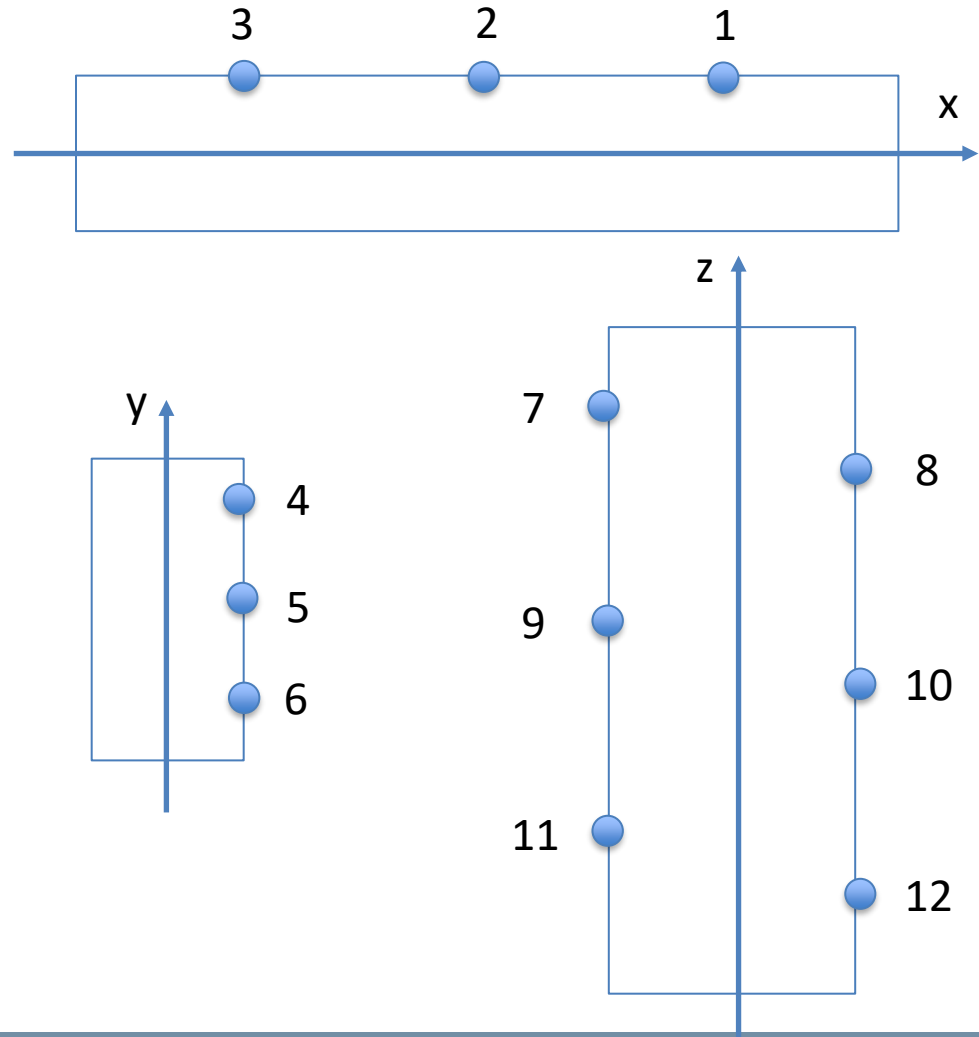


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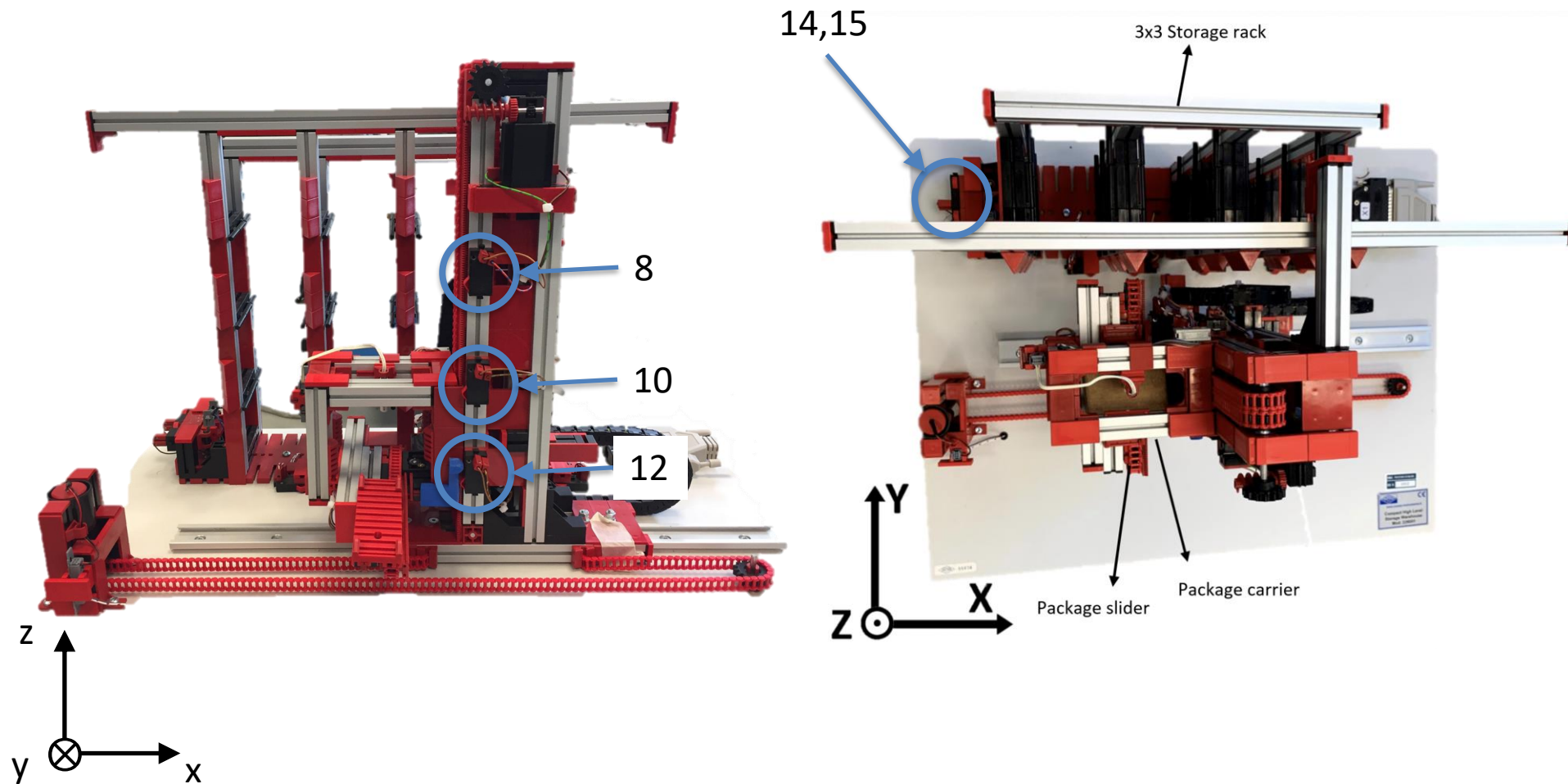


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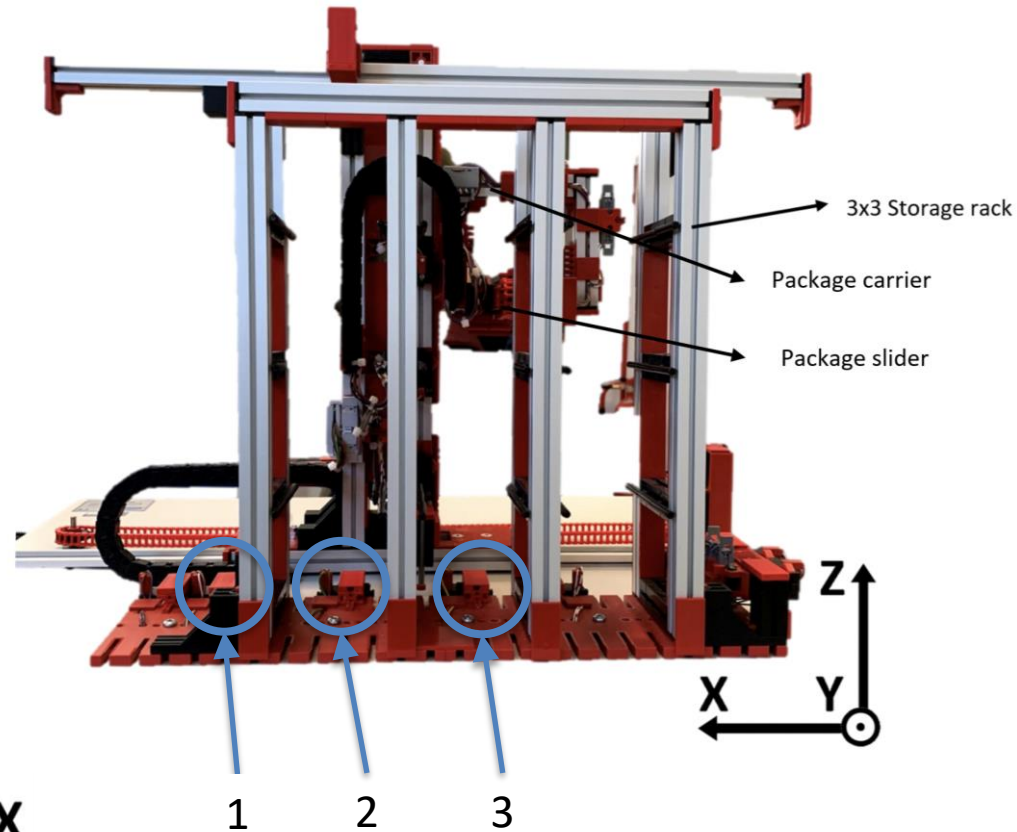
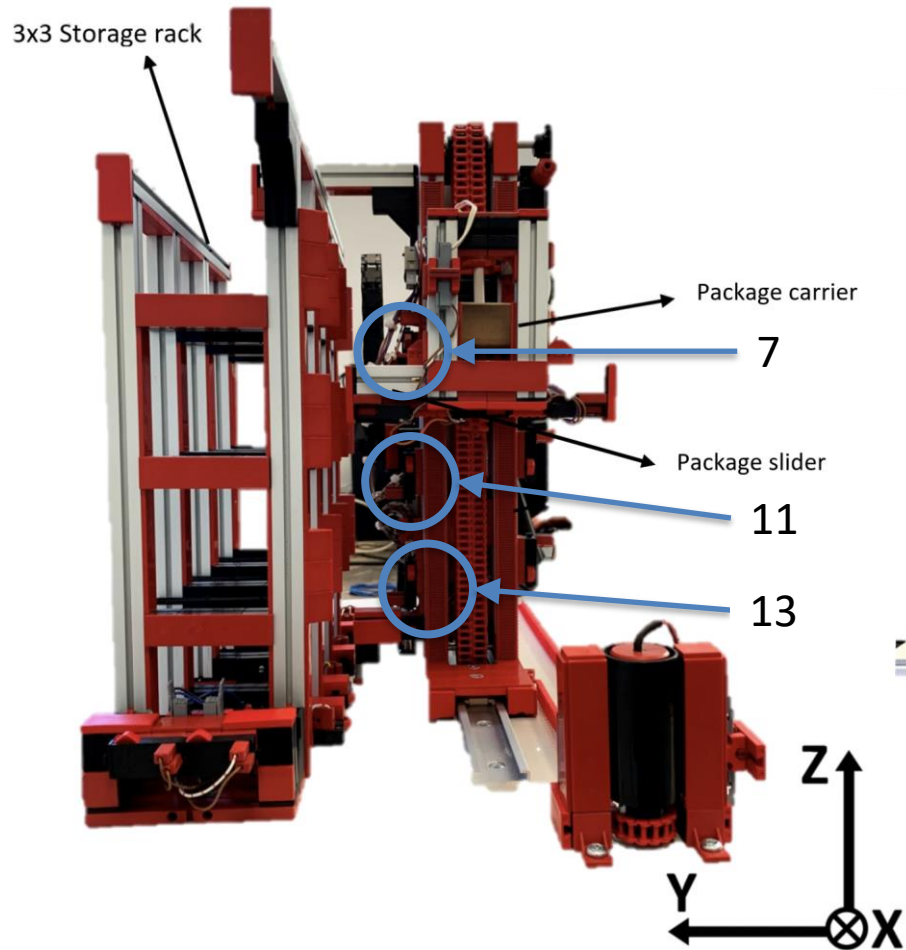
No.	Variables	Input/Output
1	XposRight	Input
2	XposMid	Input
3	XposLeft	Input
4	YposIn	Input
5	YposMid	Input
6	YposOut	Input
7	Zpos3Above	Input
8	Zpos3Below	Input
9	Zpos2Above	Input
10	Zpos2Below	Input
11	Zpos1Above	Input
12	Zpos1Below	Input
13	FeederOccupied	Input
14	Handkey1	Input
15	Handkey2	Input



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No.	Variables	Input/Output	Description of signal
16	XRight	Output	Activate X motor to the right
17	XLeft	Output	Activate X motor to the left
18	YOut	Output	Activate Y motor out
19	YIn	Output	Activate Y motor in
20	ZUp	Output	Activate Z motor up
21	ZDown	Output	Activate Z motor down
22	Led1	Output	Switch Led 1 on
23	Led2	Output	Switch Led 2 on

All the I/O in the tables are Boolean. Note that all the switches are normally closed (the associated Variable is normally TRUE and become FALSE when the switch is pressed)