

## REFERENCES

### Books

1. Croser, p., & Ebel, F. *Pneumatics Festo Didactic TP101*. Denkendorf, 1999.
2. *Festo Modular Production System Testing Station*. Festo Didactic GmbH & Co., Denkendorf, 1998.
3. Prede, G., & Scholz, D. *Electro Pneumatic Festo Didactic TP201*. Denkendorf, 1999.

### Internet

#### Definition quotations:

1. <http://en.wikipedia.org/wiki/Automation>, automation information, accessed on 14 October 2009.
2. [http://en.wikipedia.org/wiki/Programmable\\_Logic\\_Controller](http://en.wikipedia.org/wiki/Programmable_Logic_Controller), Programmable logic controller information, accessed on 14 September 2009
3. <http://en.wikipedia.org/wiki/Microcontroller>, Microcontroller information, accessed on 16 November 2009.
4. [www.answers.com/topic/conveyor-belt](http://www.answers.com/topic/conveyor-belt), conveyor belt definition, accessed on 17 November 2009.
5. <http://www.marchesini.com/en/products/packaging-end-of-line>, information about packaging machine, accessed on 15 September 2009.

6. [http://www.lammertbies.nl/comm/info/RS-232\\_specs.html](http://www.lammertbies.nl/comm/info/RS-232_specs.html), information about RS-232, accessed on 14 November 2009.
7. <http://www.ctiautomation.net>, the data sensor work concept, accessed on 19 November 2009.

Figure References:

1. [http://www.angelcontrols.co.cc/Graphics/PLC\\_Group\\_Shot.jpg](http://www.angelcontrols.co.cc/Graphics/PLC_Group_Shot.jpg), programmable logic controller picture, accessed 28 November 2009.
2. [http://www.keil.com/support/man/docs/mcb2103/mcb2103\\_board\\_cpu.jpg](http://www.keil.com/support/man/docs/mcb2103/mcb2103_board_cpu.jpg), microcontroller picture, access 28 November 2009.
3. <http://pentrioloquist.files.wordpress.com/2009/01/sensor.jpg>, Infrared picture, accessed on 1 December 2009.
4. [http://www.omron-ap.co.th/product\\_info/E3Z-Ta/sensor\\_e3z.jpg](http://www.omron-ap.co.th/product_info/E3Z-Ta/sensor_e3z.jpg), photo electric sensor picture. Accessed on 1 November 2009.
5. [http://img.directindustry.com/images\\_di/photo-g/reed-switch-proximity-sensor-362253.jpg](http://img.directindustry.com/images_di/photo-g/reed-switch-proximity-sensor-362253.jpg), proximity sensor picture, accessed on 1 December 2009.
6. [http://wb3.itrademarket.com/pdimage/54/516354\\_mi.jpg](http://wb3.itrademarket.com/pdimage/54/516354_mi.jpg), picture of Picture of linear actuator, accessed on 26 November 2009.
7. [http://www.hydraulicspneumatics.com/Content/Site200/ebooks/01\\_01\\_2006/79997Fig61.jpg\\_00000052489.jpg](http://www.hydraulicspneumatics.com/Content/Site200/ebooks/01_01_2006/79997Fig61.jpg_00000052489.jpg), the symbol of pneumatic cylinder, accessed on 24 November 2009.
8. [http://www.hawker.com/img/b757\\_rotary\\_actuator.jpg](http://www.hawker.com/img/b757_rotary_actuator.jpg), Picture of rotary actuator, accessed on 24 November 2009.
9. [http://pmcwood.com/catalog/images/air\\_compressor.jpg](http://pmcwood.com/catalog/images/air_compressor.jpg), Picture of air compressor, accessed on 25 November 2009.
10. <http://www.rockfordsystems.com/online/photos/rcl043.jpg>, picture of pressure regulator, accessed on 19 November 2009.
11. <http://www.festo-didactic.com/int-en/services/symbols/pneumatics/filters-and-separators/compressed-air-service-unit-filter-with-manual-drain.pressure-regulator-with-vent-hole.adjustable.pressure-display-and-lubricator-detailed-representation->

[7.4.4.17.htm](#), the symbol of pneumatic regulator, filter and lubricator, accessed on 20 November 2009.

12. [http://www.gearseds.com/curriculum/images/figures/web\\_pneumatic\\_valve\\_symbols1.gif](http://www.gearseds.com/curriculum/images/figures/web_pneumatic_valve_symbols1.gif), directional control valve symbol, accessed on 20 November 2009.

13. <http://www.marchesini.com/en/products/packaging-end-of-line/case-packer-pallettizer/mcpv850/>, picture of Marchesini packing machine, accessed on 14 November 2009.

14. [http://www.pneumaticchina.com/products\\_img/45-namur-solenoid-valve-4m-series.jpg](http://www.pneumaticchina.com/products_img/45-namur-solenoid-valve-4m-series.jpg), picture of solenoid valve, accessed on 19 November 2009.

