**Components in our laboratory**

Introduction:

The BBB equipment set is compiled for basic training in electropneumatic control technology. It contains all the components required to meet the specified aims. In addition, a profile plate and a compressed air supply are required.

Learning objectives:

By the end of this learning sequence you will be …

* … familiarised with the BBB equipment set.
* … able to identify the different components of the equipment set.

**Optional homework**

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Create your own vocab cards and learn the new vocabulary.

**Task**

Complete the table using the data sheets given. Work on your own.

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| **Device** | **Symbol** | **English** | **German** |
|  |  | signal input plate, electrical | Signaleingabe, elektrisch |
| Meldeeinrichtung und Verteiler, elektrisch |  | Indicator unit and distributor, electrical | Meldeeinrichtung und Verteiler, elektrisch |
|  |  | relay, 3-off | Relais, 3-fach |

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| **Device** | **Symbol** | **English** | **German** |
| Zeitrelais, 2-fach |  | relay, 2-off | Zeitrelais, 2-fach |
|  |  | limit switch, electrical, actuated from the left | Grenztaster, elektrisch, Betätigung von links |
|  |  | limit switch, electrical, actuated from the right | Grenztaster, elektrisch, Betätigung von rechts |
| Näherungsschalter, elektronisch 540695 |  | Proximity sensor, electronic | Näherungsschalter, elektronisch |
| Näherungsschalter, induktiv 178574 |  | Proximity sensor, inductive | Näherungsschalter, induktiv |
| Näherungsschalter, kapazitiv 178575 |  | Proximity sensor, capacitive | Näherungsschalter, kapazitiv |
| Drucksensor mit Anzeige 539757 |  | Pressure sensor with display | Drucksensor mit Anzeige |

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| **Device** | **Symbol** | **English** | **German** |
|  |  | 2 x 3/2-way solenoid valve with LED, normally closed | 2x 3/2-Wege-Magnetventil mit LED, in Ruhestellung gesperrt |
|  |  | 5/2-way single solenoid valve with LED | 5/2-Wege-Magnetventil mit LED |
|  |  | 5/2-way double solenoid valve with LED | 5/2-Wege-Magnet-Impulsventil mit LED |