

ValveCheck MVA005 (OPUS Micropelt Home)
Description

Short description ValveCheck for MVA005 (EEP A5-20-06):

SBY = Stand-by, device is deactivated, re-activate with single press push button

TSL = Temperature selection, either ambient temperature or flow temperature shown here

RFC = RF duty cycle
1.4 2min
1.5 5min
1.6 20min

Activates teach-in when EnOcean USB is successfully activated

Allows you to consecutively teach multiple units

The screenshot shows the ValveCheck v0.77 software interface. Key sections include:

- COM16**: Serial port selection and **Attenuation (P50)** set to 30.
- RCU to ACT controller Data**: Packet update @ next valve request. Includes DB0.0..0.7, DB1.0..1.7, and DB2.0..2.6. **DB0.3** is selected. Includes checkboxes for SBY, TSL, SPS, SB, RFC, and RES.
- Teach Display**: Includes **Teach** and **Multiple** buttons, **Forget Teached Valves**, and **Teach-in payload** fields (80304080, 00000070, XOR Reply, 803040F0).
- ACT to RCU (received Valve Data)**: Includes **All Valves** dropdown, **Valve Pos (CV)** (0%), **Setpoint with local offset** (25.0°C), **Ambient temp from actuator** (30.0°C), and **Valve Flags DB[0..7]** (TSL, ENIE, ES, DWO, LNRB, RCE, RQL, ACO).
- Ramp-Job**: Includes **Enable** checkbox and fields for Ramp Inc. [%] (10), Ramp Min. [%] (20), Ramp Max. [%] (70), Ramp Interval [Min.] (60), and Cal. Interval [Hours] (168.0).
- Sniffer Display**: A list of radio ID events with timestamps and signal strength (e.g., 17:11:54 RADIO ID: 0502AA00 48dBm (00AA3B28)).
- Teached Valves**: A list showing the device ID **0502AA00**.
- RF Filter**: Includes **FilterID** (0502AA00) and **Filter dBm** (-dBm Value).

RCU temperature (=room temperature from controller unit) transmitted to valve used with the internal temperature controller

Either Valve position (%) or Set Temperature (°C value) that is transmitted to the valve
When SPS = 1 (selected), this value is °C between 0°C and 40°C
When SPS = 0 (not selected), this value is position value between 0 and 100%

All successfully paired units appear in this list

Copy destination device ID to filter Sniffer Display for one selected device listed only