

```
<vito>
  <devices>
    <device ID="204D" name="V200-S" protocol="P300"/>
  </devices>

  <commands>

    <!-- TEMPERATUREN -->

    <command name="getAussentemperatur" protocmd="getaddr">
      <addr>0101</addr>
      <len>2</len>
      <unit>UT</unit>
      <description>Ermittle Aussentemperatur in Grad C (-40..70)</description>
    </command>

    <command name="getTempRaumlst" protocmd="getaddr">
      <addr>0116</addr>
      <len>2</len>
      <unit>UT</unit>
      <description>Heizkreis HK1: Raumtemperatur HK1 (0..40)</description>
    </command>

    <command name="getTempRaumSoll" protocmd="getaddr">
      <addr>011B</addr>
      <len>2</len>
      <unit>UT</unit>
      <description>Heizkreis HK1: Raumsolltemperatur HK1 von FB (10..30)</
description>
    </command>

    <command name="getTempRaumSollNormal" protocmd="getaddr">
      <addr>2000</addr>
      <len>2</len>
      <unit>UT</unit>
      <description>Bedienung HK1 - Heizkreis 1: Raumsolltemperatur normal </
description>
    </command>
```

```
<command name="setTempRaumSollNormal" protocmd="setaddrValue">  
  <addr>2000</addr>  
  <len>2</len>  
  <unit>UT</unit>  
  <description>Setze Soll-Raumtemperatur (10..30)</description>  
</command>
```

```
<command name="getTempRaumSollRed" protocmd="getaddr">  
  <addr>2001</addr>  
  <len>2</len>  
  <unit>UT</unit>  
  <description>Raumsolltemperatur reduzierter Betrieb</description>  
</command>
```

```
<command name="setTempRaumSollRed" protocmd="setaddrValue">  
  <addr>2001</addr>  
  <len>2</len>  
  <unit>UT</unit>  
  <description>Setze Raumsolltemperatur reduzierter Betrieb (10..30)</description>  
</command>
```

```
<command name="getTempRaumSollParty" protocmd="getaddr">  
  <addr>2022</addr>  
  <len>2</len>  
  <unit>UT</unit>  
  <description>Bedienung HK1 - Heizkreis 1: Party Solltemperatur (10..30)</  
description>  
</command>
```

```
<command name="setTempRaumSollParty" protocmd="setaddrValue">  
  <addr>2022</addr>  
  <len>2</len>  
  <unit>UT</unit>  
  <description>Setze Party Solltemperatur (10..30)</description>  
</command>
```

```
<command name="getRaumtemperatur" protocmd="getaddr">  
  <addr>2000</addr>  
  <len>2</len>  
  <unit>UT</unit>
```

```
        <description>HK1 Heizkreis 1 Wertebereich 10 - 30</description>
</command>
<command name="setRaumtemperatur" protocmd="setaddr">
    <addr>2000</addr>
    <len>2</len>
    <unit>UT</unit>
    <description>RT auf xxC</description>
</command>

<command name="setRaumtemperatur16" protocmd="setaddr16">
    <addr>2000</addr>
    <len>2</len>
    <unit>UT</unit>
    <description>Raumtemperatur auf 16C</description>
</command>

<command name="setRaumtemperatur17" protocmd="setaddr17">
    <addr>2000</addr>
    <len>2</len>
    <unit>UT</unit>
    <description>Raumtemperatur auf 17C</description>
</command>

<command name="setRaumtemperatur18" protocmd="setaddr18">
    <addr>2000</addr>
    <len>2</len>
    <unit>UT</unit>
    <description>Raumtemperatur auf 18C</description>
</command>

<command name="setRaumtemperatur19" protocmd="setaddr19">
    <addr>2000</addr>
    <len>2</len>
    <unit>UT</unit>
    <description>Raumtemperatur auf 19C</description>
</command>

<command name="setRaumtemperatur20" protocmd="setaddr20">
    <addr>2000</addr>
    <len>2</len>
    <unit>UT</unit>
    <description>Raumtemperatur auf 20C</description>
```

```
</command>
<command name="setRaumtemperatur21" protocmd="setaddr21">
  <addr>2000</addr>
  <len>2</len>
  <unit>UT</unit>
  <description>Raumtemperatur auf 21C</description>
</command>
<command name="setRaumtemperatur22" protocmd="setaddr22">
  <addr>2000</addr>
  <len>2</len>
  <unit>UT</unit>
  <description>Raumtemperatur auf 22C</description>
</command>
<command name="setRaumtemperatur23" protocmd="setaddr23">
  <addr>2000</addr>
  <len>2</len>
  <unit>UT</unit>
  <description>Raumtemperatur auf 23C</description>
</command>
<command name="setRaumtemperatur24" protocmd="setaddr24">
  <addr>2000</addr>
  <len>2</len>
  <unit>UT</unit>
  <description>Raumtemperatur auf 24C</description>
</command>
<command name="setRaumtemperatur25" protocmd="setaddr25">
  <addr>2000</addr>
  <len>2</len>
  <unit>UT</unit>
  <description>Raumtemperatur auf 25C</description>
</command>

<!-- WARMWASSER -->

<command name="getTempWWIstOben" protocmd="getaddr">
  <addr>010D</addr>
  <len>2</len>
```

```
<unit>UT</unit>
<description>Information Warmwasser Wertebereich 0 - 95</description>
</command>

<command name="getTempWWSoll" protocmd="getaddr">
  <addr>6000</addr>
  <len>2</len>
  <unit>UT</unit>
  <description>WW - Warmwassersolltemperatur (10..60 (95))</description>
</command>

<command name="setTempWWSoll" protocmd="setaddrValue">
  <addr>6000</addr>
  <len>2</len>
  <unit>UT</unit>
  <description>Setze WW: Warmwassersolltemperatur (10..60 (95))</description>
</command>

<command name="getTempWWSoll_2" protocmd="getaddr">
  <addr>600C</addr>
  <len>2</len>
  <unit>UT</unit>
  <description>WW - Zweiter Sollwert (10..60 (95))</description>
</command>

<command name="setTempWWSoll_2" protocmd="setaddrValue">
  <addr>600C</addr>
  <len>2</len>
  <unit>UT</unit>
  <description>Setze WW - Zweiter Sollwert (10..60 (95))</description>
</command>

<!-- PUMPEN -->

<command name="getStatusV1" protocmd="getaddr">
  <addr>0480</addr>
  <len>1</len>
  <unit>RT</unit>
  <description>Status Verdichter 1 (0..1)</description>
```

</command>

```
<command name="getStatusPumpe" protocmd="getaddr">
  <addr>048D</addr>
  <len>1</len>
  <unit>RT</unit>
  <description>Status HK1: Heizkreispumpe (0..1)</description>
</command>
```

```
<command name="getStatusPumpeZirk" protocmd="getaddr">
  <addr>0490</addr>
  <len>1</len>
  <unit>RT</unit>
  <description>Status Zirkulationspumpe (0..1)</description>
</command>
```

```
<command name="getPumpZirk_Betriebsstunden" protocmd="getaddr">
  <addr>0590</addr>
  <len>4</len>
  <unit>CS</unit>
  <description>Betriebsstunden Zirkulationspumpe</description>
</command>
```

```
<command name="getStatusSpeicherPumpe" protocmd="getaddr">
  <addr>0496</addr>
  <len>1</len>
  <unit>RT</unit>
  <description>Information - Warmwasser: Speicherladepumpe (0..1)</description>
</command>
```

```
<command name="getBetriebsstundenPumpeHK1" protocmd="getaddr">
  <addr>058D</addr>
  <len>4</len>
  <unit>CO</unit>
  <description>Betriebsstunden Anlage Wertebereich 0 - 1150000</description>
</command>
```

<!-- HEIZKREISE -->

```
<command name="getTempSekVL" protocmd="getaddr">
  <addr>0105</addr>
  <len>2</len>
  <unit>UT</unit>
  <description>HK1: Vorlauftemperatur Sekundaer 1 (0..95)</description>
</command>
<command name="getTempSekRL" protocmd="getaddr">
  <addr>0106</addr>
  <len>2</len>
  <unit>UT</unit>
  <description>HK1: Ruecklauftemperatur Sekundaer 1 (0..95)</description>
</command>

<command name="getTempPriVL" protocmd="getaddr">
  <addr>0103</addr>
  <len>2</len>
  <unit>UT</unit>
  <description>Vorlauftemperatur Primaerquelle (-20..95)</description>
</command>
<command name="getTempPriRL" protocmd="getaddr">
  <addr>0104</addr>
  <len>2</len>
  <unit>UT</unit>
  <description>Ruecklauftemperatur Primaerquelle (-20..95)</description>
</command>

<command name="getTempKuehlVL" protocmd="getaddr">
  <addr>0119</addr>
  <len>2</len>
  <unit>UT</unit>
  <description>Heizkreis HK1: Vorlauftemperatur Kuehlkreis 1 (0..95)</description>
</command>

<command name="getStatusQuellePri1" protocmd="getaddr">
  <addr>0482</addr>
  <len>1</len>
  <unit>RT</unit>
```

```
<description>Diagnose - Anlagenuebersicht: Primaerquelle 1 (Vent. oder
Primaerpumpe (0..1))</description>
</command>
<command name="getStatusSekPumpe" protocmd="getaddr">
  <addr>0484</addr>
  <len>1</len>
  <unit>RT</unit>
  <description>Anlagenuebersicht: Sekundaerpumpe 1 (0..1)</description>
</command>

  <!-- VENTILE -->

<command name="getStatusVentilWW" protocmd="getaddr">
  <addr>0494</addr>
  <len>1</len>
  <unit>RT</unit>
  <description>Waermepumpe: 3-W-Ventil Heizen WW1 (0 (Heizen)..1 (WW))</
description>
</command>

  <!-- HEIZUNG -->

<command name="getStatusAC" protocmd="getaddr">
  <addr>096C</addr>
  <len>1</len>
  <unit>RT</unit>
  <description>Heizkreis HK1: Kuehlung fuer HK1 (0..1)</description>
</command>

<command name="getTempVLSoll" protocmd="getaddr">
  <addr>1800</addr>
  <len>2</len>
  <unit>UT</unit>
  <description>Heizkreis HK1: Vorlaufsolltemperatur HK1 (0..95)</description>
</command>

<command name="getLastVerdichter" protocmd="getaddr">
```



```
<addr>1AC3</addr>
<len>1</len>
<unit>CO</unit>
<description>Last am Verdichter</description>
</command>

<command name="getHKLNiveau" protocmd="getaddr">
  <addr>2006</addr>
  <len>2</len>
  <unit>UN</unit>
  <description>Heizkreis 1: Niveau der Heizkennlinie (-15..40)</description>
</command>

<command name="setHKLNiveau" protocmd="setaddr">
  <addr>2006</addr>
  <len>2</len>
  <unit>UN</unit>
  <description>Setzen Heizkreis 1: Niveau der Heizkennlinie (-15..40)</description>
</command>

<command name="getHKLNeigung" protocmd="getaddr">
  <addr>2007</addr>
  <len>2</len>
  <unit>UN</unit>
  <description>Heizkreis 1: Neigung der Heizkennlinie (0..35)</description>
</command>

<command name="setHKLNeigung" protocmd="setaddr">
  <addr>2007</addr>
  <len>2</len>
  <unit>UN</unit>
  <description>Setzen Heizkreis 1: Neigung der Heizkennlinie (0..35)</description>
</command>

<command name="getPwrSollVerdichter" protocmd="getaddr">
  <addr>5030</addr>
  <len>1</len>
  <unit>CO</unit>
  <description>Anlageneuebersicht: Soll-Leistung Verdichter 1 (0..100)</description>
</command>
```

```
<command name="getKKLNiveau" protocmd="getaddr">
  <addr>7110</addr>
  <len>2</len>
  <unit>UN</unit>
  <description>Heizkreis 1: Niveau Kuehlkennlinie (-15..40)</description>
</command>
<command name="setKKLNiveau" protocmd="setaddr">
  <addr>7110</addr>
  <len>2</len>
  <unit>UN</unit>
  <description>Setzen Heizkreis 1: Niveau Kuehlkennlinie (-15..40)</description>
</command>

<command name="getKKLNeigung" protocmd="getaddr">
  <addr>7111</addr>
  <len>2</len>
  <unit>UN</unit>
  <description>Heizkreis 1: Neigung Kuehlkennlinie (0..35)</description>
</command>
<command name="setKKLNeigung" protocmd="setaddr">
  <addr>7111</addr>
  <len>2</len>
  <unit>UN</unit>
  <description>Setzen Heizkreis 1: Neigung Kuehlkennlinie (0..35)</description>
</command>

  <!-- ENERGIE -->

<command name="getEnergieHeizwaerme" protocmd="getaddr">
  <addr>1640</addr>
  <len>4</len>
  <unit>CO</unit>
  <description>Energiebilanz: Heizwärme "Heizbetrieb", Verdichter 1</description>
</command>
<command name="getEnergieHeizwaermeWW" protocmd="getaddr">
  <addr>1650</addr>
  <len>4</len>
```

```
<unit>CO</unit>
<description>Energiebilanz: Heizwärme "WW-Betrieb", Verdichter 1</description>
</command>
<command name="getEnergieHeizelektro" protocmd="getaddr">
  <addr>1660</addr>
  <len>4</len>
  <unit>CO</unit>
  <description>Energiebilanz: Elektroenergie "Heizbetrieb", Verdichter 1</
description>
</command>
<command name="getEnergieWWelektro" protocmd="getaddr">
  <addr>1670</addr>
  <len>4</len>
  <unit>CO</unit>
  <description>Energiebilanz: Elektroenergie "WW-Betrieb", Verdichter 1</
description>
</command>
```

```
<!-- STATUSINFORMATIONEN -->
```

```
<command name="getJAZ" protocmd="getaddr">
  <addr>1680</addr>
  <len>1</len>
  <unit>CO</unit>
  <description>Energiebilanz: Jahresarbeitszahl (0..10)</description>
</command>
<command name="getJAZHeiz" protocmd="getaddr">
  <addr>1681</addr>
  <len>1</len>
  <unit>CO</unit>
  <description>Energiebilanz: Jahresarbeitszahl Heizen (0..10)</description>
</command>
<command name="getJAZWW" protocmd="getaddr">
  <addr>1682</addr>
  <len>1</len>
  <unit>CO</unit>
  <description>Energiebilanz: Jahresarbeitszahl WW (0..10)</description>
```

```
</command>
<command name="getCOPHeiz" protocmd="getaddr">
  <addr>1690</addr>
  <len>2</len>
  <unit>CO</unit>
  <description>Energiebilanz: COP Heizbetrieb (0..10)</description>
</command>
```

```
<!-- BEDIENUNG -->
```

```
<command name="getBetriebsart" protocmd="getaddr">
  <addr>B000</addr>
  <len>1</len>
  <unit>BA</unit>
  <description>Heizkreis 1: Betriebsart (0..4)</description>
</command>
```

```
<command name="setBetriebsart" protocmd="setaddr">
  <addr>B000</addr>
  <len>1</len>
  <unit>BA</unit>
  <description>Setze Betriebsart (0..4)</description>
</command>
```

```
<command name="setBetriebsart0" protocmd="setaddr0">
  <addr>B000</addr>
  <len>1</len>
  <unit>BA</unit>
  <description>Abschalbetrieb</description>
</command>
```

```
<command name="setBetriebsart1" protocmd="setaddr1">
  <addr>B000</addr>
  <len>1</len>
  <unit>BA</unit>
  <description>Warmwasser</description>
</command>
```

```
<command name="setBetriebsart2" protocmd="setaddr2">
  <addr>B000</addr>
  <len>1</len>
```

```
<unit>BA</unit>
<description>Heizen und Warmwasser</description>
</command>

<command name="get1xWW" protocmd="getaddr">
  <addr>B020</addr>
  <len>1</len>
  <unit>RT</unit>
  <description>1 malige Warmwasserbereitung (2 == ein, 0 == aus)</
  description>
</command>

<command name="set1xWW" protocmd="setaddr2">
  <addr>B020</addr>
  <len>1</len>
  <unit>RT</unit>
  <description>1 malige Warmwasserbereitung (2 == ein, 0 == aus)</
  description>
</command>

<command name="setHeaterforWW" protocmd="setaddrValue">
  <addr>6015</addr>
  <len>1</len>
  <unit>XX</unit>
  <description>Durchlauferhitzer für Warmwasser aktivieren</description>
</command>

<command name="setHeaterforRoomtemp" protocmd="setaddrValue">
  <addr>7902</addr>
  <len>1</len>
  <unit>XX</unit>
  <description>Durchlauferhitzer für Heizung aktivieren</description>
</command>

<command name="setHeater" protocmd="setaddrValue">
  <addr>7907</addr>
  <len>1</len>
  <unit>XX</unit>
  <description>Leistung Durchlauferhitzer (1=3, 2=6 oder 3=9kW)</description>
</command>

<command name="getHeater" protocmd="getaddr">
  <addr>7907</addr>
```

```
<len>1</len>
<unit>XX</unit>
<description>Leistung Durchlauferhitzer (1=3, 2=6 oder 3=9kW)</description>
</command>
```

```
<!-- COMPRESSOR -->
```

```
<command name="getCompressor" protocmd="getaddr">
  <addr>5012</addr>
  <len>1</len>
  <unit>XX</unit>
  <description>Freigabe Verdichterstufe (1=WW 2=Heiz 3=WW+Heiz 15=default)</
description>
</command>
```

```
<command name="setCompressor" protocmd="setaddrValue">
  <addr>5012</addr>
  <len>1</len>
  <unit>XX</unit>
  <description>Freigabe Verdichterstufe (1=WW 2=Heiz 3=WW+Heiz 15=default)</
description>
</command>
```

```
<!-- VITOVENT -->
```

```
<command name="getMinZuluftBypass" protocmd="getaddr">
  <addr>7D0F</addr>
  <len>2</len>
  <unit>UT</unit>
  <description>Minimale Zulufttemperatur für den ByPass in Grad 0,1 °C</
description>
</command>
```

```
<command name="setMinZuluftBypass" protocmd="setaddr">
  <addr>7D0F</addr>
  <len>2</len>
  <unit>UT</unit>
```

```
    <description>Setze Minimale Zulufttemperatur für den ByPass in Grad 0,1 °C</  
description>  
</command>
```

```
<command name="getAussenLuftTemp" protocmd="getaddr">  
  <addr>0A00</addr>  
  <len>3</len>  
  <unit>UT</unit>  
  <description>Aussentemperatur VitoVent in Grad 0,1 °C</description>  
</command>
```

```
<command name="getZuluftTemp" protocmd="getaddr">  
  <addr>0A01</addr>  
  <len>3</len>  
  <unit>UT</unit>  
  <description>Zulufttemperatur VitoVent in Grad 0,1 °C</description>  
</command>
```

```
<command name="getAbluftTemp" protocmd="getaddr">  
  <addr>0A02</addr>  
  <len>3</len>  
  <unit>UT</unit>  
  <description>Ablufttemperatur VitoVent in Grad 0,1 °C</description>  
</command>
```

```
<command name="getFortluftTemp" protocmd="getaddr">  
  <addr>0A03</addr>  
  <len>3</len>  
  <unit>UT</unit>  
  <description>Fortlufttemperatur VitoVent in Grad 0,1 °C</description>  
</command>
```

```
<command name="getAbluftTempSoll" protocmd="getaddr">  
  <addr>7D08</addr>  
  <len>2</len>  
  <unit>UT</unit>  
  <description>Ablufttemperatur-Sollwert in Grad 0,1 °C</description>  
</command>
```

```
<command name="setAbluftTempSoll" protocmd="setaddr">  
  <addr>7D08</addr>  
  <len>2</len>  
  <unit>UT</unit>  
  <description>Setze Ablufttemperatur-Sollwert in Grad 0,1 °C</description>  
</command>
```

```
<command name="getVolstromRed" protocmd="getaddr">  
  <addr>7D0A</addr>  
  <len>2</len>  
  <unit>UCH</unit>  
  <description>Volumenstrom reduzierte Lüftung in m3</description>  
</command>
```

```
<command name="setVolstromRed" protocmd="setaddrValue">  
  <addr>7D0A</addr>  
  <len>2</len>  
  <unit>UCH</unit>  
  <description>Setze Volumenstrom reduzierte Lüftung in m3 xxx</description>  
</command>
```

```
<command name="getVolstromNormal" protocmd="getaddr">  
  <addr>7D0B</addr>  
  <len>2</len>  
  <unit>UCH</unit>  
  <description>Volumenstrom normale Lüftung in m3</description>  
</command>
```

```
<command name="setVolstromNormal" protocmd="setaddrValue">  
  <addr>7D0B</addr>  
  <len>2</len>  
  <unit>UCH</unit>  
  <description>Setze Volumenstrom normale Lüftung in m3 xxx</description>  
</command>
```

```
<command name="getVolstromIntensiv" protocmd="getaddr">  
  <addr>7D0C</addr>
```



```
<len>2</len>
<unit>UCH</unit>
<description>Volumenstrom intensive Lüftung in m3</description>
</command>

<command name="setVolstromIntensiv" protocmd="setaddrValue">
  <addr>7D0C</addr>
  <len>2</len>
  <unit>UCH</unit>
  <description>Setze Volumenstrom intensive Lüftung in m3 xxx</description>
</command>

<!-- ENDE VITOVENT -->

</commands>
</vito>
```