### Příloha – Podklady pro výpočty

#### Teplota

<table>
<thead>
<tr>
<th>Teplota</th>
<th>ADC</th>
<th>U(ADC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>°C</td>
<td></td>
<td>V</td>
</tr>
<tr>
<td>20</td>
<td>240</td>
<td>4,61</td>
</tr>
<tr>
<td>50</td>
<td>222</td>
<td>4,22</td>
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<tr>
<td>60</td>
<td>206</td>
<td>3,91</td>
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<td>70</td>
<td>188</td>
<td>3,57</td>
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<tr>
<td>80</td>
<td>166</td>
<td>3,16</td>
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<tr>
<td>90</td>
<td>146</td>
<td>2,72</td>
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<tr>
<td>100</td>
<td>126</td>
<td>2,42</td>
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<tr>
<td>110</td>
<td>108</td>
<td>1,98</td>
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<tr>
<td>120</td>
<td>92</td>
<td>1,70</td>
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<td>130</td>
<td>78</td>
<td>1,47</td>
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<tr>
<td>140</td>
<td>66</td>
<td>1,27</td>
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<tr>
<td>150</td>
<td>56</td>
<td>1,09</td>
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</table>

Tabulka 1 – výstupy A/D převodníku podle teploty

#### Tlak

<table>
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<tr>
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<th>ADC</th>
<th>U(ADC)</th>
</tr>
</thead>
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<td>bar</td>
<td></td>
<td>V</td>
</tr>
<tr>
<td>0,0</td>
<td>224</td>
<td>4,34</td>
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<tr>
<td>0,5</td>
<td>224</td>
<td>4,34</td>
</tr>
<tr>
<td>1,0</td>
<td>224</td>
<td>4,34</td>
</tr>
<tr>
<td>1,5</td>
<td>224</td>
<td>4,34</td>
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<tr>
<td>2,0</td>
<td>224</td>
<td>4,34</td>
</tr>
<tr>
<td>2,5</td>
<td>220</td>
<td>4,24</td>
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<tr>
<td>3,0</td>
<td>216</td>
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<tr>
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<td>198</td>
<td>3,86</td>
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<tr>
<td>4,0</td>
<td>184</td>
<td>3,58</td>
</tr>
<tr>
<td>4,5</td>
<td>172</td>
<td>3,34</td>
</tr>
<tr>
<td>5,0</td>
<td>152</td>
<td>3,00</td>
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<tr>
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<td>132</td>
<td>2,50</td>
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<tr>
<td>6,0</td>
<td>112</td>
<td>2,15</td>
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<tr>
<td>6,5</td>
<td>92</td>
<td>1,81</td>
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<tr>
<td>7,0</td>
<td>76</td>
<td>1,56</td>
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<tr>
<td>7,5</td>
<td>76</td>
<td>1,56</td>
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</tbody>
</table>

Tabulka 2 – výstupy A/D převodníku podle tlaku

Poznámka: S červeně zobrazenými daty se nepracuje ve výsledném výpočtu.
Plnicí tlak

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<thead>
<tr>
<th>Tlak bar</th>
<th>U(ADC) V</th>
<th>AD</th>
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</thead>
<tbody>
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<td>238</td>
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<td>1,750</td>
<td>179</td>
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<td>1,444</td>
<td>147</td>
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<tr>
<td>1</td>
<td>1,165</td>
<td>119</td>
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<td>0,854</td>
<td>87</td>
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</tr>
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<td>-0,1</td>
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</tr>
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Tabulka 3 - výstupy A/D převodníku podle plnicího tlaku v sání

Palivo

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<tr>
<th>Natankováno l</th>
<th>Množství paliva v nádrži l</th>
<th>ADC</th>
<th>U(ADC) V</th>
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<tbody>
<tr>
<td>0</td>
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<td>186</td>
<td>3,65</td>
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<td>30,94</td>
<td>172</td>
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<td>35,94</td>
<td>163</td>
<td>3,19</td>
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<td>149</td>
<td>2,92</td>
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<td>45,94</td>
<td>140</td>
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<td>2,35</td>
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<td>51,06</td>
<td>72</td>
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<td>1,83</td>
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</table>

Tabulka 4 - výstupy A/D převodníku podle množství paliva v nádrži