Controls using Profibus continuous mode

This application note applies to Vamp 50, Vamp 200 and Vamp 300 series

When controls are used in Profibus continuous mode it must be remembered that the first byte in the Rx-buffer is reserved for future diagnostics. This byte should not be written from the bus. Some masters will react with error indications if this byte is controlled. However when making the configuration for Profibus Rx-buffer the first byte cannot be left empty, an item that is never used for control must be selected at offset 000. See picture below.

Also note that it is not recommended that the Profibus master is connected to the VAMP device when doing settings from Vampset software. Continuous controls of some items may prevent the VAMP device from applying new settings in a correct manner.

Keywords: Profibus DP, Profibus DP continuous mode, Profibus DP control commands

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