Sylvac Metrology Service (UUID: 0x5000)

Sylvac Base UUID: 0xC1B2XXXX-CAAF-6D0E-4C337-DAE30052840

Characteristic	UUID	Mandatory Properties	Optional Properties	Security
DataSend	0x5010	Indicate	Read	FDSS*
DataSet**	0x5011	Read	--	FDSS*
RemoteRequest	0x5012	Write w/o response	Read	FDSS*
RemoteResponse	0x5013	Notify	Read	FDSS*
Free 1	0x5014	Write w/o resp., read	--	FDSS*
Free 2	0x5015	Write w/o resp., read	--	FDSS*
Free 3	0x5016	Write w/o resp., read	--	FDSS*

*)   Follow device security settings
**) Obsolete, not implemented in new devices

Data format

All characteristics in Sylvac Metrology Service use plain ASCII text format. Strings transmitted on characteristics 0x5010 to 0x5013 must be terminated by a carriage return character (0x0D).

Maximum length is 20 bytes per characteristic. Multiple transfers can be used to transmit longer strings on characteristics 0x5010 to 0x5013, the string is considered incomplete as long as it is not terminated by a carriage return character.

Characteristics 0x5014 to 0x5016 do not trigger any actions. They are intended to store user data on the measuring device, e.g. identifiers. These values are stored in non-volatile memory and can be overwritten without data validation. They are reset at any Bluetooth profile change or during a factory reset.

Note: Formers specification, see also MEM-PM 292-1251-01