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Providing Information of Data regarding “Connected Product”

FANUC CORPORATION provides the following information regarding product data for the FIELD system Basic Package.

Please refer to the file below (hereinafter referred to as the data list) for information on each piece of data.

「Materials for Providing Information_Annex_FsBP」

1. Type, format and estimated volume of product data

・Type: Please refer to the data list.

・Format: Please refer to the data list.

・Estimated volume: Please refer to the data list.

2. Frequency of product data generation

The frequency of generation varies depending on the data. Please refer to the data list.

3. Product data storage location

The storage location varies depending on the data. Please refer to the data list.

4. Methods for accessing, obtaining, or deleting product data

The access method differs for each data. Please refer to the data list.

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Connected Product Name	(1)Product data				(2)Frequency of product data generation (whether data can be generated continuously and in real time)	(3)Whether data is stored on your device or on a remote server	(4)Methods for accessing, obtaining, or deleting product data
	Type	Data name	Format	Estimated volume			
FIELD system Basic Package	CNC composition	Software, Hardware series/edition number	JSON	700 byte	Updated at a minimum interval of 500 ms	Possible	・Access via REST API ・Delete common data or use Factory reset function
	CNC status	Actual power consumption		10 byte			
		Running program name		32 byte			
		Operating status		4 byte			
		Main program name		32 byte			
		Total power-on time		16 byte			
		Fan speed of CNC		20 byte			
		Fan status of CNC		40 byte			
	CNC axis status	Absolute coordinates of the axis		20 byte			
		Actual power consumption of the axis		10 byte			
		Axis load		10 byte			
		Insulation resistance value of the axis		10 byte			
		Deterioration status of insulation resistance of the axis		1 byte			
		Machine coordinates of the axis		20 byte			
		Relative coordinates of the axis		20 byte			
		Rotational speed of the axis		10 byte			
		Axis motor temperature		3 byte			
	CNC path status	B code		10 byte			
		F code		10 byte			
		G code		10 byte			
		H code		10 byte			
		M code		50 byte			
		Running program name of the path		32 byte			
		Actual rotation speed of the path		10 byte			
		S code		10 byte			
		T code		10 byte			
		Cutting time of the path		16 byte			
		Actual feedrate of the path		10 byte			
		Machine lock signal of the path		1 byte			
		Program running time of the path		16 byte			
		Number of machined parts of the path		10 byte			
		Main program name of the path		32 byte			
		Sequence number of the path		10 byte			
		Total number of machined parts of the path		10 byte			
	Alarm information	Alarm message		80 byte			
		Alarm numbe		5 byte			
		Alarm type		2 byte			
	Operator message	Operator message		128 byte			
		Message number		6 byte			