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Providing Information of Product Data regarding "Connected Product"

FANUC CORPORATION provides the following information regarding product data related to R-50iA / R-50iA Mate.

1. Type, format and estimated volume of product data

・Type: Type: Robot program and all display and configuration items described in *the* "*Operator's Manuals containing product data*" specified at the end of the document.

・Format: Plane text, CSV

・Estimated volume:
  ・Robot program ⋯ maximum memory capacity of 1 MB
  ・Display and configuration items ⋯ approximately 2 KB per screen

2. Frequency of product data generation

  ・The robot program is generated through creation, editing, and loading operations performed on the teach pendant. Therefore, product data is not generated continuously or in real time.
  ・The frequency at which display and configuration items are generated varies depending on the item. Please refer to the operator's manual for details on each item.

3. Product data storage location

Product data is stored in the internal memory of the controller.

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

Access

- The robot program can be accessed by displaying the program edit screen on the teach pendant.

- Display and configuration items can be accessed by displaying the corresponding screens on the teach pendant. Examples of operator's manuals that describe detailed procedures are provided in the section "*Supplement: Access methods for representative screens*".

Obtaining

- The robot program can be exported as a text file by pressing the PRINT function key on the program list screen of the teach pendant.
  The currently displayed screen can be exported as a text file by selecting PRINT SCREEN from the function menu on the teach pendant.
  For detailed procedures, refer to section "*7.6 Printing Files*" in the operator's manual "*R-50iA / R-50iA Mate Controller Operator's Manual" (Basic Operation)* (B-84464EN).

- Display and setting items with corresponding Data IDs can be exported as a CSV file by pressing F5[SAVE] on the Data ID screen of the teach pendant.
  For detailed procedures, refer to section "*B.13 DATA IDs*" in the operator's manual "*R-50iA / R-50iA Mate Controller Operator's Manual" (Basic Operation)* (B-84464EN).

Deletion

- All product data can be initialized by performing an Initial Start.

- For details, refer to section "*B.1.2 Initial Start*" in the operator's manual "*R-50iA / R-50iA Mate Controller Operator's Manual" (Basic Operation)* (B-84464EN).

Operator's Manuals containing product data

- *FANUC Robot series R-30iB / R-30iB Mate / R-30iB Plus / R-30iB Mate Plus / R-30iB Compact Plus / R-30iB Mini Plus / R-50iA CONTROLLER External Vision Interface OPERATOR'S MANUAL (B-84244EN)*

- *FANUC Robot series R-30iB Plus / R-30iB Mate Plus / R-30iB Mini Plus / R-50iA / R-50iA Mate CONTROLLER TABLET UI OPERATOR'S MANUAL (B-84274EN)*

- *FANUC Robot series R-50iA CONTROLLER iRVision OPERATOR'S MANUAL (Reference) (B-84434EN)*

- *FANUC Robot series R-50iA CONTROLLER iRVision 2D Camera Application OPERATOR'S MANUAL (B-84434EN-2)*

- *FANUC Robot series R-50iA CONTROLLER iRVision 3DV Sensor Application OPERATOR'S MANUAL (B-84434EN-3)*

- *FANUC Robot series R-50iA CONTROLLER iRVision Inspection Application OPERATOR'S MANUAL (B-84434EN-4)*

- *FANUC Robot series R-50iA CONTROLLER iRVision Bin Picking Application OPERATOR'S MANUAL (B-84434EN-5)*

- *FANUC Robot series R-50iA CONTROLLER iRCalibration OPERATOR'S MANUAL (B-84444EN)*

- *FANUC Robot series R-50iA CONTROLLER iRPickTool OPERATOR'S MANUAL (B-84454EN)*

- *FANUC Robot series R-50iA / R-50iA Mate CONTROLLER OPERATOR'S MANUAL (Basic Function) (B-84464EN)*

- *FANUC Robot series R-50iA / R-50iA Mate CONTROLLER Optional Function OPERATOR'S MANUAL (B-84464EN-2)*

- *FANUC Robot series R-50iA / R-50iA Mate CONTROLLER Arc Welding Function OPERATOR'S MANUAL (B-84464EN-3)*

- *FANUC Robot series R-50iA CONTROLLER Spot Welding Function OPERATOR'S MANUAL (B-84464EN-4)*

- *FANUC Robot series R-50iA CONTROLLER Servo Gun Function OPERATOR'S MANUAL (B-84464EN-6)*

- *FANUC Robot series R-50iA / R-50iA Mate CONTROLLER Line Tracking OPERATOR'S MANUAL (B-84464EN-10)*

- *FANUC Robot series R-50iA / R-50iA Mate CONTROLLER CC-Link Remote Device OPERATOR'S MANUAL (B-84464EN-17)*

- *FANUC Robot series R-50iA / R-50iA Mate CONTROLLER PROFINET Function OPERATOR'S MANUAL (B-84464EN-19)*

- *FANUC Robot series R-50iA CONTROLLER CC-Link IE Field Intelligent OPERATOR'S MANUAL (B-84464EN-22)*

- *FANUC Robot series R-50iA / R-50iA Mate CONTROLLER Ethernet/IP OPERATOR'S MANUAL (B-84464EN-23)*

- *FANUC Robot series R-50iA / R-50iA Mate CONTROLLER Ethernet Global Data OPERATOR'S MANUAL (B-84464EN-24)*

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- *FANUC Robot series R-50iA / R-50iA Mate Controller Python OPERATOR'S MANUAL (B-84464EN-26)*

- *FANUC Robot series R-50iA / R-50iA Mate CONTROLLER Modbus TCP Server OPERATOR'S MANUAL (B-84464EN-27)*

- *FANUC Robot series R-50iA / R-50iA Mate CONTROLLER Dual Check Safety Function OPERATOR'S MANUAL (B-84534EN)*

- *FANUC Robot series R-50iA CONTROLLER OPERATOR'S MANUAL (Collaborative Robot Function) (B-84584EN)*

- *FANUC Robot series R-50iA CONTROLLER Learning Robot OPERATOR'S MANUAL (B-84594EN)*

- *FANUC Robot series R-50iA / R-50iA Mate CONTROLLER Network and Security Function OPERATOR'S MANUAL (B-84604EN)*

- *FANUC Robot series R-50iA / R-50iA Mate Controller Integrated PMC OPERATOR'S MANUAL (B-84684EN)*

- *FANUC Robot series R-50iA / R-50iA Mate CONTROLLER Force Sensor OPERATOR'S MANUAL (B-84704EN)*

- *FANUC Robot series R-50iA CONTROLLER Realtime Visual Tracking OPERATOR'S MANUAL (B-84934EN)*

- *FANUC Robot series R-50iA / R-50iA Mate CONTROLLER System Design Tool OPERATOR'S MANUAL (B-87044EN)*

- *FANUC Robot series R-50iA / R-50iA Mate CONTROLLER Coordinated Motion OPERATOR'S MANUAL (B-87064EN)*

- *FANUC Robot series R-50iA / R-50iA Mate CONTROLLER Dynamic Path Modification OPERATOR'S MANUAL (B-87074EN)*

- *FANUC Robot series R-50iA / R-50iA Mate CONTROLLER Hand Guidance for Standard Robots OPERATOR'S MANUAL (B-87084EN)*

- *FANUC Robot series R-50iA / R-50iA Mate CONTROLLER Hand Guidance for Collaborative Robots OPERATOR'S MANUAL (B-87084EN-1)*