MELFA Technical News

BFP-A6079-0323E

April 2023

Subject: Discontinuation of production of F series industrial robots

Applicable to: RV-F series, RH-F series
(Controller CR750/751 series)

Thank you for your continued support of Mitsubishi industrial robot "MELFA".
Production of the following "RV-F/RH-F series" will be discontinued.

1. Models to be discontinued
・MELFA RV-F series
　　RV-2F, RV-4F, RV-7F, RV-13F, RV-20F series
・MELFA RH-F series
　　RH-3FH, RH-6FH, RH-12FH, RH-20FH, RH-3FHR series
The environment-resistant specifications, the special product and the option exclusively for these
models(Table 2) will be also discontinued

2. Schedule
・Order acceptance:　Through September 30,2023
・Production discontinuation: March 31,2024

3. Repair acceptance
・Repair acceptance:　Through March 31,2031
　　(For 7years after production discontinuation)

4. Alternative Models
The RV-FR/RH-FR series is available as an alternative to the RV-F/RH-F series.
Consider replacing the F series with the FR series.

5. Precautions for replacement
Please refer to below technical news.
BFP-A6079-0190E
Precautions of replacement from MELFA F series D type robot to FR series D type robot.

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Table1 **Discontinuation models and Alternative Models**

Discontinuation models	Alternative Models
RV-2F-D/Q series	RV-2FR-D/Q series
RV-4/7F-D/Q series	RV-4/7FR-D/Q series
RV-13/20F-D/Q series	RV-13/20FR-D/Q series
RH-3/6FH-D/Q series	RH-3/6FRH-D/Q series
RH-12/20FH-D/Q series	RH-12/20FRH-D/Q series
RH-3FHR-D/Q series	RH-3FRHR-D/Q series

Table2 **Discontinuation options**
＜Standard Robot options＞

Name	Type	Remarks
Machine cable （replacement for shorter 2m type）	1S-02UCBL-01 1F-02UCBL-02	CR750 CR751
Machine cable, for extension/fixed (CR750)	1S-□□CBL-11 1S-□□CBL-01	Exchange type Extension type
Machine cable, for extension/fixed (CR751)	1F-□□UCBL-11 1F-□□UCBL-02	Exchange type Exchange type
Machine cable, for extension/flexible (CR750)	1S-□□LCBL-11 1S-□□LCBL-01	Exchange type Extension type
Machine cable, for extension/flexible (CR751)	1F-□□LUCBL-11 1F-□□LUCBL-02	Exchange type Exchange type
Standard teaching pendant	R33TB(-**)	
High-function teaching pendant	R57TB(-**)	
Conversion cable for the teaching box	2F-32CON03M	
Terminal block replacement tool for the user wiring	2F-CNUSR01M	
Controller protection box	CR750-MB CR751-MB	CR750 CR751
Force sensor set	4F-FS001-W200 4F-FS001-W1000	
Force sensor adapter	1F-FSFLG-01 1F-FSFLG-02	RV-2/4/7F RV-13/20F
Safety Option	4F-SF001-01	
Instruction Manual (bookbinding)	5F-RA01-PE01 5F-RB01-PE01 5F-RP01-PE01 5F-RE01-PE01 5F-FA01-PE01 5F-FB01-PE01 5F-FP01-PE01 5F-FE01-PE01	

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＜ The environment-resistant Robot options ＞

Name	Type	Remarks
Solenoid valve set	1F-VD0□-04 1F-VD0□E-04 1F-VD0□-05 1F-VD0□E-05	Sink Source Sink Source
External wiring set 1 for the forearm	1F-HB01S-02	
External wiring set 2 for the forearm	1F-HB02S-02	
External wiring set 1 for the base	1F-HA01S-02	
External wiring set 2 for the base	1F-HA02S-02	
External user wiring and piping box	1F-UT-BOX-04 1F-UT-BOX-03	
Machine cable, for extension/fixed (CR751)	1F-□□UCBL-03	Exchange type
Machine cable, for extension/flexible (CR751)	1F-□□LUCBL-03	Exchange type
Stopper for changing the J1-axis operating range	1F-DH-06 1F-DH-07 1F-DH-08 1F-DH-09 1F-DH-10	
Instruction Manual (bookbinding)	5F-FF03-PE01 5F-RF03-PE01 5F-FB03-PE01 5F-RB03-PE01	

＜Application Package＞

Name	Type	Remarks
Processing Machine Loading Application	APR-1ML●◆△-S11	Set product
Force-sense Applications	AP10-AFS0●◆-E0 AP10-AS0SWFS-MA	Set product Software license product
Deburring/Polishing Application	AP10-BRP0■■▲▲-E0 AP10-BRP0SWFS-MA	Set product Software license product

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