R86TB Teach Pendant Launch Announcement

DOCUMENT INFORMATION

Lifecycle Stage:

| Available | Released | Phase-out | Discontinued |

Distribution: SCM ⊠ | TSG ⊠ | Sales ⊠ | Distribution ⊠ | System Integrators ⊠ | Other ☐

Product Category: Robots   Effective Date: 6/30/2023

PRODUCT INFORMATION

Our new R86 teaching pendant provides a significant upgrade over the R56TB which was released 12 years ago. It has several new, powerful features which will enable us to be much more competitive in the small-payload robot category.

- Easy to operate and intuitive user interface, which allows any function to be accessed from the HOME screen or page list.
- The process of creating programs has been simplified through the easy edit function and program templates.
- Many of the essential functions of RT ToolBox3 are built-in to the teaching pendant, including visualization of setting areas on the 3D monitor screen, safety logic settings, signal monitoring, variable monitoring, load condition monitoring, and more.
- Various types of displays and analysis screens make it possible to perform trouble diagnosis and achieve early troubleshooting without a computer.

PRODUCT RESOURCES

Quick links to information contained in the Knowledge Base and Resources libraries.
Login to us.mitsubishielectric.com/fa/en to view all materials:

Selection Guide | Brochure

SPECIFICATIONS

ITEM	DESCRIPTION
External dimensions	215mm (width) × 284mm (height) × 76mm (depth)
Weight	Approx. 1,200g (only the teaching box, excluding cables)
Body color	Dark gray
Connection method	Connected with the controller using a dedicated connector, Cable length: 7m
Interface	USB port × 1 (32G bytes or less)
Display	10.1 TFT (800 × 1280) color touch panel with a back light
Operation section	Display (touch panel), emergency stop button, enable switch (3-position), wheel, operation-specific key × 20
Display language	Japanese/English/simplified Chinese/traditional Chinese
Compatible controllers	CR800 series, CR700 series (Extension cable model: 2F-32EXTBST-□□M (□□: 01, 05, 10, 15m)), CR751 (Conversion cable required, Conversion cable model: 2F-32CON□□M (□□: 01, 05, 10, 15m))
IP rating	IP65 (excluding conversion and extension cables, and the connector section)