



IL PROGETTO DI E-LEARNING DI MITSUBISHI ELECTRIC
PER LA FORMAZIONE TECNICA E PROFESSIONALE NELLE SCUOLE

Modulo specialistico di:

Automazione Industriale – Percorso Robot

Attività di SMARTWORKING: dalla teoria alla pratica

Allegato 1 - Studente – Specifiche tecniche del progetto



**Automating
the World**

Vimercate 13/05/2024

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- ▶ Note per l'installazione del software RT VisualBox
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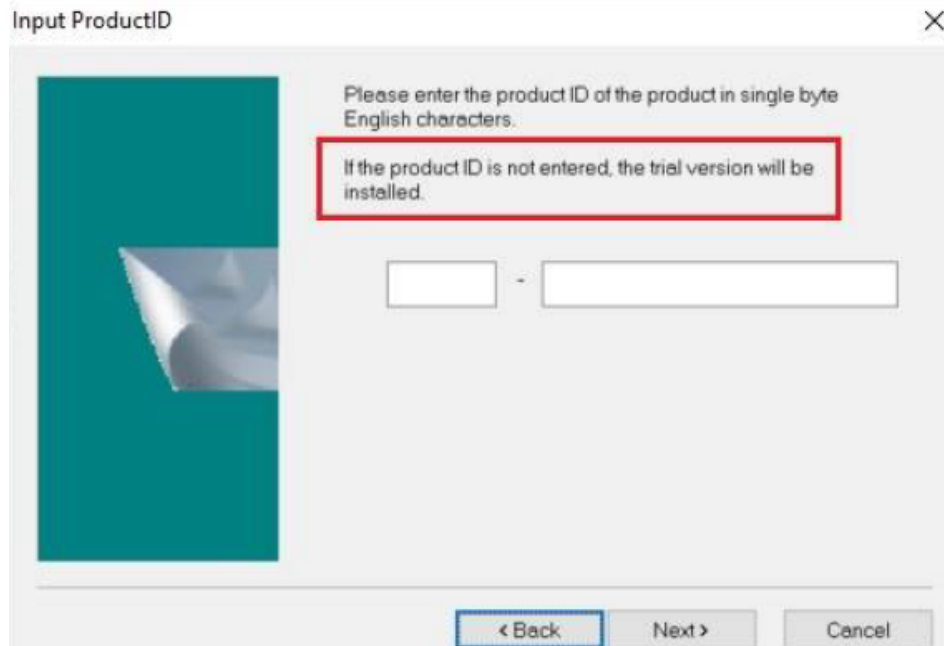
1. Note per l'installazione del software RT VisulaBox

Per la realizzazione dell'applicazione robot descritta in seguito dovrai utilizzare il software RT VisualBox.

Il download può essere effettuato tramite link seguente:

<http://cloud.mitsubishielectric.it/index.php/s/icFP6zHmfFFm0R>

Password: **RT_VirtualBox**



Se non si inserisce il productID, sarà possibile installare il software in modalità DEMO.

Tale modalità ha funzionalità complete, può essere utilizzato illimitatamente nel tempo ma che può essere utilizzato SOLO con il simulatore, quindi senza il robot fisicamente collegato.

2. Descrizione del ciclo Robot

Il ciclo robot da realizzare è descritto di seguito:

0. Robot in Posizione di Home, Apri Pinza
1. Robot in Posizione di prelievo con offset in Z, Speed Ratio= 70%
2. Robot in Posizione di Prelievo, Chiudi Pinza, Speed Ratio= 30%
3. Posizione di svincolo dalla pPrelievo con offset in Z, Speed Ratio= 30%
4. Robot in Posizione di deposito con offset in Z, Speed Ratio= 70%
5. Robot in Posizione di Deposito, Apri Pinza, Speed Ratio= 30%
6. Posizione di svincolo dalla pDeposito con offset in Z, Speed Ratio= 30%
7. Robot in Home (Attesa di nuovo comando di start per effettuare nuovo ciclo), Speed Ratio= 70%

Possono esserti di aiuto:

- lezione «**Robot collaborativo**» del corso, capitolo 3.3;
- **Allegato 2 - Studente - RV-5AS - Quick set-up guide**, pagine 65, 66, 67.
- **Allegato 3 - Studente - Tutorial Quick Start RT VisualBox**

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