

NexBot Vision 222-015 Teach Pendant with 10.1-inch Display

NexBot
Robotics

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Overview

The NexBot Vision 222-015 is a high-performance teach pendant designed for programming, jogging, and operating NexBot industrial and collaborative robots. This human-machine interface (HMI) provides operators and programmers with direct, intuitive control over robot motion and application logic, streamlining setup and reducing commissioning time. Its ergonomic design is engineered for comfort and efficiency during long programming sessions, minimizing operator fatigue. Key features include a vibrant 10.1-inch multi-touch display with a high-resolution of 1280x800 pixels, providing a clear and responsive surface for interacting with the NexBot programming environment. The pendant combines this modern touchscreen interface with tactile physical controls, including a precision 6-axis joystick for fine-tuned jogging and customizable function keys for frequently used commands. This hybrid approach ensures both flexibility and speed in a variety of industrial applications, from machine tending and pick-and-place to complex path following for welding or dispensing. Built for demanding factory environments, the pendant's housing is constructed from a durable Polycarbonate/ABS blend and is sealed to an IP65 rating, making it resistant to dust ingress and low-pressure water jets. Safety is paramount, with an integrated 3-position enabling switch and a prominent E-stop button that conform to international safety standards. The device is lightweight at only 1.2 kg, further enhancing its usability. The hot-swappable functionality allows the pendant to be connected or disconnected during operation without requiring a full system restart, maximizing uptime on the factory floor. Installation is straightforward, requiring a single-cable connection to the main robot controller cabinet.

Technical Specifications

Parameter	Value	Unit
Weight	1.2	kg
Material	Polycarbonate/ABS Blend	
Voltage	24VDC	
IP Rating	IP65	
Country of Origin	IT	
Dimensions	300 x 200 x 65 mm	

Safety Notice: This product must be installed and operated by qualified personnel in accordance with applicable safety standards (ISO 10218, IEC 61508).

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