

ABB ROBOTS

Product Data Sheet

3HNM12512-1

gasket hw. servo 4

FUNCTION gasket hw. servo 4	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 0.40 kg
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ABB Robots 3HNM12512-1 is a gasket hw. servo 4 for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Model Number	3HNM12512-1
Product Type	Gasket
Temperature Resistance	-40°C to +120°C
Product Family	ABB Robots
Component Type	Gasket Hw. Servo 4
Assembly Class	ABB PCB assembly
System Interface	ABB Robots control interface
Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors
Installation Format	Plug-in control board

Signal Domain	Control and diagnostic signals
Service Position	Documented rack slot
Configuration Basis	Installed ABB hardware list
Replacement Basis	Exact article and board revision
Protective Check	ESD and protective-earth control

- Manage test-stand control with Gasket Hw process control: As part of the load actuators and measurement channels, 3HNM12512-1 operates in its approved product-family role as a gasket hw. servo 4. During test-point transition, the system uses this function to move the test article through commanded operating points, helping it capture comparable results at each condition.
- Regulate component placement during registration update: For the coordinated operation of the feeders, gantries and placement heads, 3HNM12512-1 provides its specified system function as a gasket hw. servo 4. During registration update, the system uses this function to align the workpiece datum with the process position, helping it keep the operation referenced to the product feature.
- Observe paper-machine draws with Gasket Hw process control: Across the press rolls and sectional drives, 3HNM12512-1 operates in its approved product-family role as a gasket hw. servo 4. During sheet threading, the system uses this function to maintain speed ratios between machine sections, helping it protect sheet tension during acceleration.

Match 3HNM12512-1 to the installed ABB Robots, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB ABB Robots documentation](#)

<https://new.abb.com/control-systems>

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