

ABB ROBOTS

Product Data Sheet

3HNM09802-1

robot rubber gasket

FUNCTION robot rubber gasket	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 0.10 kg
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ABB Robots 3HNM09802-1 is a robot rubber gasket for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Model Number	3HNM09802-1
Product Type	Robot Rubber Gasket
Temperature Resistance	-40°C to +120°C
Product Family	ABB Robots
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

ADDITIONAL PRODUCT DATA

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
Commissioning Check	Power-up diagnostics and function test

OFFICIAL APPLICATIONS

- Monitor conveyor routing with Robot Rubber process control: During operation of the zone conveyors and merge points, 3HNM09802-1 supports the configured automation role as a robot rubber gasket. During route change, the system uses this function to coordinate destination data with equipment permissives, helping it move the item to the assigned process.
- Coordinate aeration control with Robot Rubber: Within the blowers and dissolved-oxygen loops, 3HNM09802-1 serves its documented function as a robot rubber gasket. During changing oxygen demand, the system uses this function to adjust air delivery from process feedback, helping it stabilize treatment performance.
- Maintain generator excitation with Robot Rubber: At the control layer of the field circuits and voltage regulation, 3HNM09802-1 supports the configured automation role as a robot rubber gasket. During load change, the system uses this function to adjust the assigned regulation path from operating feedback, helping it hold the electrical variable at its commanded target.

SYSTEM COMPATIBILITY

Match 3HNM09802-1 to the installed ABB Robots, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB Robots documentation](#)

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

AMIKON PRODUCT SUPPORT

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