

Installation Instructions

3500/53M 286566-01

Overspeed Detection Module

3500 System

Before work begins

- 01 Confirm the exact 3500/53M 286566-01 article number and installed equipment position.
- 02 Place the equipment in a safe state, isolate all energy sources and follow the applicable Bently Nevada discharge or lockout procedure.
- 03 Record terminals, connectors, signal cables, cooling provisions and protective-earth conductors.
- 04 Use ESD controls and qualified industrial-service personnel throughout the replacement.

Model-specific connection checks

Input Impedance	20 k Ω
Power Consumption	8.0 watts, typical.
Output Impedance	550 Ω .
Transducer Power Supply	-24 Vdc, 40 mA maximum
Voltage Compliance	0 to +12 Vdc range across load
Load resistance is	0 to 600
Min switched current	100 mA @ 5 Vdc
Contact Life	100,000 @ 5 A, 24 Vdc or 120 Vac
Exact Part Number	3500/53M 286566-01
Product Family	3500 System

Installation sequence

- Inspect the replacement for transport damage, contamination, bent pins and altered keying.
- Install without forcing connectors or terminals; restore all shields, grounds and cooling provisions.
- Secure power and signal connections under the applicable manufacturer procedure.

Commissioning and return to service

- 01 Condition-monitoring transducer.
- 02 Check insulation and protective-earth continuity before energising..
- 03 Restore auxiliary and main power in the approved sequence..
- 04 Observe controller, interface and equipment diagnostics..
- 05 Test the connected signal, network, motor or power function at a controlled operating point..
- 06 Record the final article number, test results and maintenance approval..

This AMIKON installation reference supplements the applicable Bently Nevada controlled documentation and the site safety procedure.
Warranty: 12 months from AMIKON.