

Seal Sentry™ Series 10 Bead Detection System



New easy-to-operate system simplifies hot melt adhesive bead detection.



The new Seal Sentry Series 10 bead detection system delivers basic hot melt adhesive bead detection for packaging, converting and product assembly applications. This innovative system confirms the presence of hot melt adhesive beads prior to compression on constant speed and limited speed change packaging machines. Adhesive bead verification improves productivity and quality by detecting substandard product immediately.

Simple Installation

The Seal Sentry Series 10 system utilizes quick disconnect cables and an internal power supply to simplify installation. The infrared hot melt bead sensors feature a sealed housing with a fixed field of view. The sensors' attached mounting hardware eliminates the need for separate brackets. The Seal Sentry Series 10 system does not use encoders or resolvers so installation is fast and easy.



Easy Set-up and Operation

The Seal Sentry Series 10 system can be programmed quickly and easily. The bead detection system uses only two buttons for set-up and programming. LED indicators clearly indicate the setting for each bead sensor and the desired sensitivity level.

Features

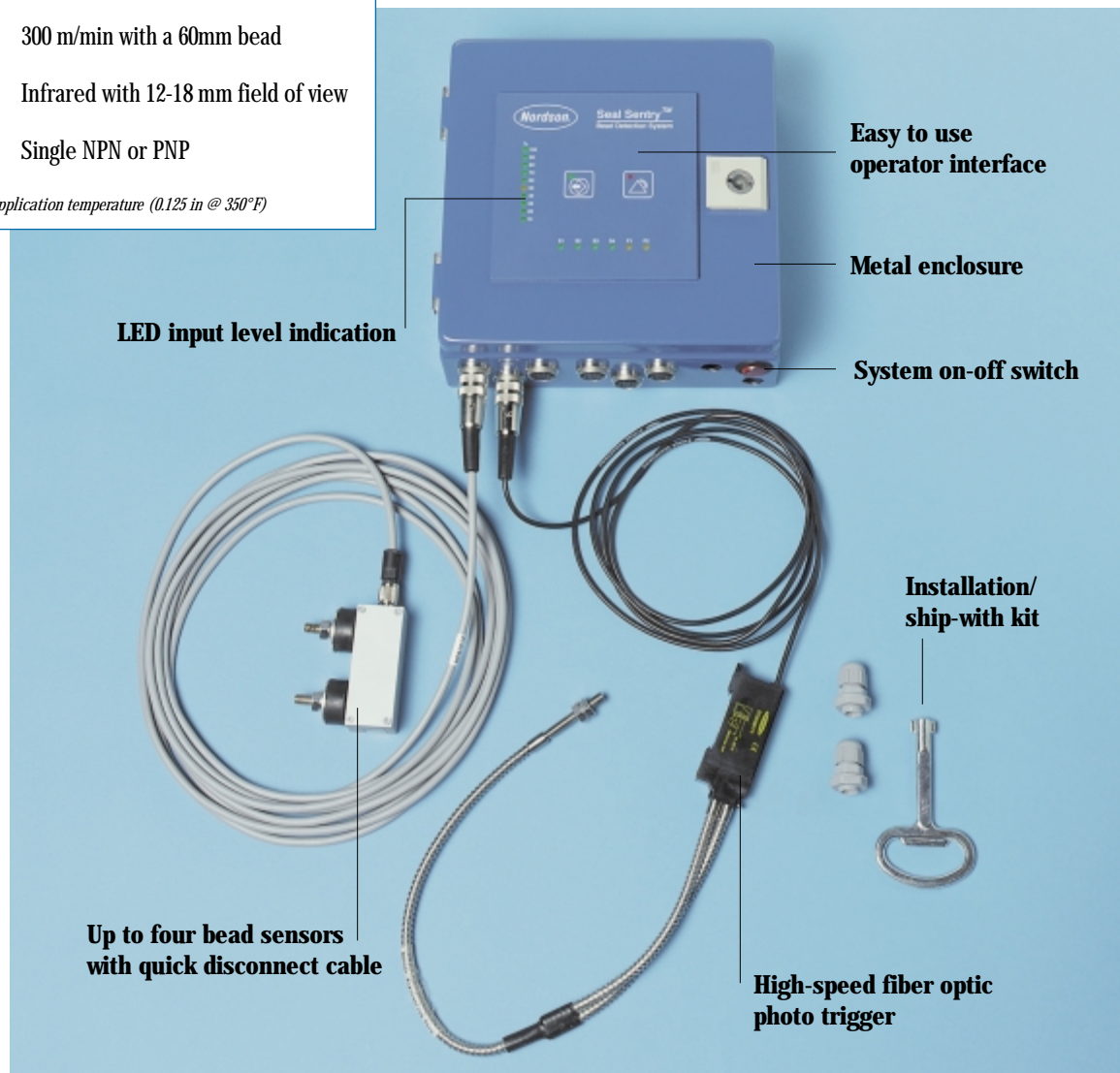
- **Dynamic calibration** automatically establishes hot melt adhesive bead reference levels.
- **Two-button operator interface** simplifies set-up and operation.
- **Infrared bead sensors** simplify installation with integral mounting and fixed field of view.
- **Dual photo-trigger inputs** provide two-station bead monitoring.
- **Stand-alone, fully integrated system** has an internal power supply and is compatible with most packaging machines.
- **Fault output** is configurable for normally open or normally closed operation.
- **Infrared sensors** eliminate the need for adhesive additives or UV light.

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Specifications

Input	85-260 VAC
Maximum Output	4A, 230 VAC
Minimum Bead Size*	1.5mm @ 20 m/min
Maximum Line Speed*	300 m/min with a 60mm bead
Bead Sensors	Infrared with 12-18 mm field of view
Fault Output	Single NPN or PNP

*Based on bead size of 3 mm @ 175°C application temperature (0.125 in @ 350°F)



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