

EMPLOYEE PROFILE

Hector Martinez

North & Latin American Sales



I'm back! Some of you may recall that I am the former Latin America Sales and Marketing Manager for 4B, but left about 9 years ago when I was recruited to work for a non-profit organization. I am excited to return as the newest North and Latin America Sales Representative. I'm originally from south of Chicago, but have lived in Peoria since graduating from Bradley University in 1987. Outside of work, I am involved with several non-profits including: American Red Cross Blood Services, American Cancer Society Relay for Life, Big Brothers/Big Sisters, and Make-A-Wish. I look forward to working with you again!



CUSTOMER SPOTLIGHT

Ducasse



EXPOMIN Exposition - Santiago, Chile

Ducasse Comercial Ltda was founded in 1966 in Santiago, Chile primarily as a bearing distributor. Since then, Ducasse has significantly expanded and currently serves the industry with 14 branches throughout Chile, becoming the top choice in sales and technical support for power transmission, pneumatic and hydraulic components.

Ducasse's relationship with 4B began in 2004 when they became our exclusive product distributor in Chile.

In 2006, 4B visited beautiful Santiago, joining Ducasse at the most popular mining tradeshow in the country, the EXPOMIN. The show was a great success and meeting Ducasse's dynamic employees certainly confirmed 4B's first great impression about the company.

Currently, Ducasse stocks 4B's material handling and electronic product lines.

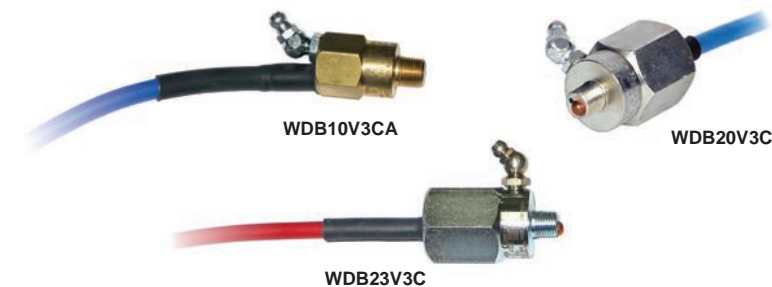
For more information, please visit: www.ducasse.cl

4B BEARING TEMPERATURE SENSORS

4B has developed a wide range of hot bearing sensors to meet our customer's needs. Whether you are looking for a sensor with a specified trip point or need continuous temperature monitoring, 4B has the right bearing sensor for your application.

WDB 1 & 2 Series

The WDB 1 & 2 series are grease-through type bearing temperature sensors that are positively mounted to the bearing by using the existing grease zerk. They are also available with 1/2" conduit entry. Two sensor types are available, the NTC thermistor for continuous temperature monitoring or the PTC model with specific trip points. Approved for Class II, Div 1 Groups E, F, and G (CE and ATEX approved versions for Europe are also available).



WDB3 Series

The WDB30V3A insertable style bearing temperature sensor incorporates an NTC thermistor for continuous bearing temperature monitoring. The sensor is designed to be adjustable and a quick fit bayonet adapter is supplied with every sensor. It can be installed in a drilled and tapped 1/8" BSP threaded hole. A flexible cable allows for easy installation. They are ATEX approved (other approvals pending).



WDB7 Series

The WDB70V3C series is a lug style sensor with an NTC thermistor for continuous temperature monitoring and has been designed to bolt directly onto a bearing housing, motor, or gearbox. They are approved for Class II, Div 1 Groups E, F, G, and incorporate a 1/2" NPT conduit entry.



WDB6 Series

The WDB62TAI series are grease-through type bearing temperature sensors with 1/4" BSPP threading (can be installed in 1/8" NPTF grease zerk fitting with an adapter). Designed with a quick disconnect cable for easy installation and/or replacement. Normally closed internal contact rated up to 1.5A opens when temperature rises above the trip point. They are ATEX approved (other approvals pending).



All of our bearing temperature sensors can be connected directly to a PLC or used with one of our hazard monitors (T500 Hotbus Elite, Watchdog Elite, and T400 Elite). If you have questions regarding your specific application, we have a dedicated staff of in-house technical representatives ready to help.



Example of bearing failure

ROGER'S REVIEW

Boost Productivity



Roger Bruère
Technical Sales Engineer

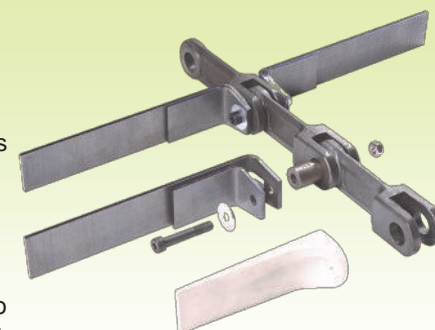
Boost productivity with Bolt 'N' Go chain! The increase in demand for greater throughput results in quicker production speeds, increased chain wear, shorter chain service life, more maintenance and downtime. All mechanical equipment will eventually wear out. Welded flights may bend or break and the chain may need to be replaced. Whether this process takes hours or days, the bottom line is that downtime will always exist and cannot be avoided. So, any reduction in downtime is a boost to your productivity.



Bolt 'N' Go Hollow Pin

4B recently developed a revolutionary flight assembly method that boosts productivity. When flights need to be replaced, there is no longer a need to slacken the chain. Simply bolt on the new flights and you're done! The secret to this assembly method is a high strength hollow pin that connects the links together.

Boosting productivity has never been so simple and easy!



Bolt 'N' Go System
Nylon and Steel Flight Options
U.S. Patent # 7,080,728

SPARKY'S SHOCKERS

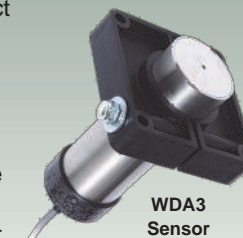
Slack/Broken Chain Detection



Keith Bohnker
Electronics Sales Manager

Chain conveyors are used in many operations to efficiently move material through out the processing facility. In an effort to reduce down time and damage to equipment many customers want to keep a closer tab on chain conveyors. Shearing pins, chain pulsation and premature wearing of conveyor chain are just a few of the common problems.

The WDA3 High Power Sensor will detect a moving ferrous object. It is not affected by dust or material build-up. It can be used as a slack/broken chain detector when installed as shown in our whitepaper, which can be downloaded at www.go4b.com/usa/slackchain.asp. The sensor has an adjustable sensing range (1-4") and an LED helps with field adjustment. Approved for Class 2, Div. 1 Groups E, F & G (grain dust) applications.



WDA3 Sensor



Speed Relay

Our DIN Rail mounted Speed Relay is used to provide the 24 VDC power for the WDA3 High Power Sensor and detect if the speed falls below a preset level. The front mounted control allows easy setting of the required trip/alarm directly in R.P.M. In normal operation the relay is energized if the chain is tight and the speed is above the set level.