

METAL FREE TRANSPORT OF FIBERS: RELIABLE AND EASY TO INSTALL

Version 09/11

METAL DETECTOR METRON 05 POWERLINE

FOR INSTALLATION IN PNEUMATIC FIBER CONVEYING SYSTEMS

- Detects **all metals** in solid products or as loose parts.
- Highly precise metal detection - remarkably reliable.
- Immune against electromagnetic interference.
- Minimal installation effort.
- Minimal eject losses (optional with ultrafast eject gate).



METRON 05 POWERLINE

Metal Detection made in Germany means:



- Reliable metal detection even at high conveying speeds up to 36 m/sec. Due to a high performance electronics with digital signal processing. Efficient operation thank to a LCD Grafic-Display and easy to understand menu structure and 4-button operation.
- Systems are available for all common pipe diameters (220, 250, 300, 350 und 400 mm). Other sizes and shapes such as square shapes are available on request.
- Interference shield - The multiple encapsulated detector coil con welded flanges does not require a separate sensing tube and is therefore completely immune to electromagnetic interference.
- The quick mount one component sensor can be mounted thru clamps and/or flanges and integrated into the piping system. This saves time and expenses.
- An opening for test probes for an uncomplicated testing of the coil function.
- Positive speed control, depending upon particle velocity and particle size, assure optimal actuation of the reject gate. This reduces good material losses and saves money.
- The optional spark detection system monitors for and detects even the smallest spark and sends a wireless signal in real time.

Detailed information can be found in our technical data sheet.

A successful duo

Loss of production, damaged equipment and fires are a thing of the past since the introduction of the metal detector series Metron 05 PowerLine in combination with the high speed TEXREJECT gate. The foreign particle reject system guarantees maximum availability and maximal profits!

MESUTRONIC

Metal Detection made in Germany

MESUTRONIC Gerätebau GmbH • Hackenfeld 13 • D-94259 Kirchberg, Wald
Tel.: +49- (0)9927 / 9410-0 • Fax: +49- (0)9927 / 1732
E-Mail: sales@mesutronic.de • www.mesutronic.de