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C-SCAN DLS
Splitable metal detector for installation on conveyor belts and material chutes

■ Detects magnetic and non-magnetic metal contamination, even when enclosed in product

■ Reduces expensive machinery failure and minimises production downtime

■ Ensures product quality

■ Prevents customer complaints

■ Break even within a very short period of time

- To analyse smalls and bulk materials with material height over 100 mm

- High scanning sensitivity to all metals

- Easy installation on conveyors, no need to disconnect belt

- The sturdy and solid design guarantees high noise immmunity

- Pre-installed parameters simplify operation

- Auto-Set function for the improved compensation of external interference factors and for the active prevention of faulty activations

- Operation mode „Alukomp": Compensation of aluminium coated foils (depending on foil thickness)

- Increased signal-to-noise-ratio towards electromagnetic pollution, vibrations and conveyor belt distortion

Installation example: Tunnel metal detector DLS analysing recycling material before the granulator. (old version)

Additional Performance Features:

- Display of system parameters with LCD full-graphic module, operation with membrane keys
- Adjustable metal impulse and delay times
- Product memory for ten products, three of which are preset
- Free choice of operation mode
- Maintenance free electronic, no readjustment necessary
- Integrated logbook
- Password protection can be set individually

Scope of Delivery:

- Tunnel detector C-SCAN DLS
- Control Unit PRIMUS+

Options/Accessories:

- Optical and acoustic signal system
- Digital incident counter
- Conveyor stop and turning prevention control
- Control unit SENSITY for higher scanning sensitivity
- UL/CSA Certification
- Further options on request

Function:

The splitable tunnel detector DLS is used to analyse smalls and bulk materials on a conveyor belt or material chutes. Preferably used for high material. It detects all magnetic and non-magnetic metal contaminations (steel, stainless steel, aluminium) – even if enclosed in the product.

On detection of metal, a signal device and a separation system can be activated or a signal can be send to process controlling.

Typical Application Areas:

- Plastics industry
- Recycling industry
- Timber industry
- Chemical industry
- Textile industry
- Mining Industry
- Cement Industry

Application:

- Machinery protection for granulators, shredders, hocks, crushers, calenders, bandsaws, planing machines, and many more.

If you need more detailed information ask for our technical data sheet or a discussion with our experienced Sesotec Sales team.