



DLS

Split able 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 immunity
- Pre-installed parameters simplify operation
- Learn automatic or manual product compensation allow flexible adaption to product conductivity
- 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



Tunnel metal detector DLS analysing recycling material before the granulator.

Additional Performance Features:

- Machinery parameters shown on eight LEDs; operated through three control buttons, a reset and a test starter
- Adjustable metal impulse and delay times
- Product memory for eight products, three products pre-installed
- Free choice of operation mode
- Maintenance free electronic, no readjustment necessary

Scope of Delivery:

- Tunnel detector 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

Product Description:

The split able 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, In-house recycling
- Recycling industry
- Wood industry
- Chemical industry
- Textile industry
- Building Industry (building-stone-earth industry)

Application:

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

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