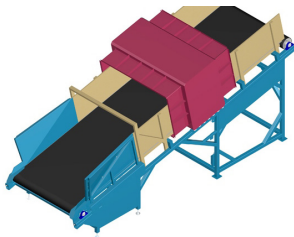


Metron 05 C

METAL DETECTION

CLOSED TUNNEL TYPE DETECTOR WITH INTEGRAL CONTROL BOX SUITABLE FOR INSTALLATION IN BELT CONVEYORS, GRAVITY OR VACUUM/PRESSURE CONVEYING LINES

Reliable in Process and Detection
Durable in Technology and Performance
Easy in Installation and Handling



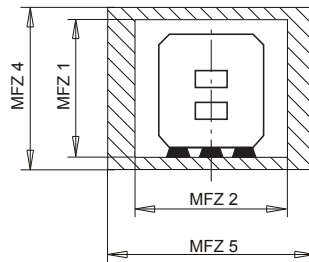
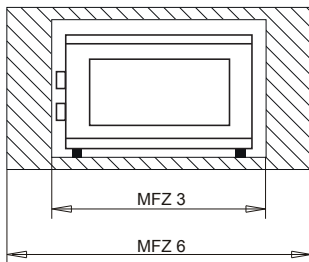
- Detects all metals encapsulated or as loose parts.
- High sensitivity in rough industrial environments.
- User friendly and reliable technology, proven for many years.
- A worthwhile investment that protects the valuable production equipment.
- Specifically tailored system solutions with reliable conveying technology and selected accessories.
- Size variations for different areas of use.
- Digital signal processing for best detection
- Versions for out-door, high-temp., etc.

Applications

Product inspection

Machinery protection - grinders, crushers, mills, chippers, calendars, bandsaws, and more

Metal Free Zone (MTZ)



Calculating the 'metal free zone'

For Non-moving Metals

$$\text{MFZ 1} = H + 60\text{mm}$$

$$\text{MFZ 2} = L + LH$$

$$\text{MFZ 3} = LB + LH$$

For moving metals

$$\text{MFZ 4} = 4 LH$$

$$\text{MFZ 5} = L + 3.5 LH$$

$$\text{MFZ 6} = LB + 3 LH$$

Position the detector aperture in the middle of the 'metal free zone'

For the other dimensions: position the detector symmetrical in relation to the aperture.

