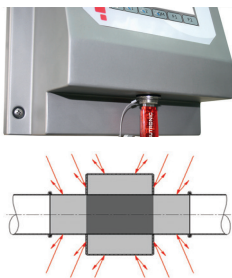
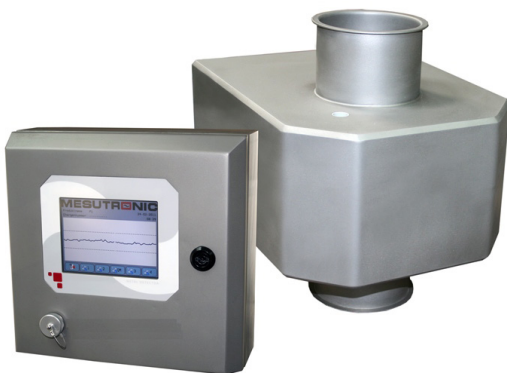


Metron 07 powerLine

METAL DETECTION

HIGH-SENSIVITY METAL DETECTOR FOR THE EXAMINATION OF FREE-FLOWING BULK MATERIALS IN PNEUMATIC CONVEYING PIPES AND IN FREE FALL.

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

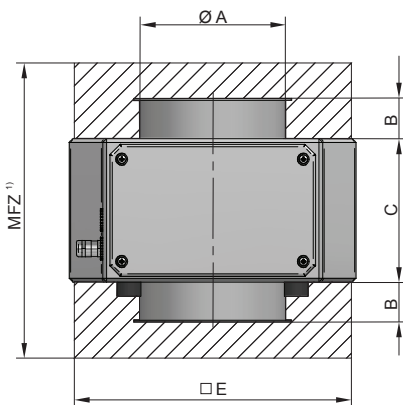


- Hygienic Design without dead spots
- PowerLine concept for absolute noise immunity
- Totally shielded against external noise
- Process and condition monitoring
- No sensing tube, no static discharges
- Sensor head fully sealed
- Network connectivity and data management
- Password protected user management
- Tubing, hoppers or connecting flanges made from metal can be directly connected to the Detector coil (for example with a quick connect clamp). Metal-free zone is not required in this case.
- Compliant with quality surveillance rules according to HACCP, IFS, BRC, SQF.

Applications

Quality inspection
 (to meet the requirement of
 ISO 9000, HACCP, IFS, BRC, SQF)
 Machinery protection

Metal Free Zone (MTZ)



Calculating the 'metal free zone' DN 50 - DN 200

For Non-moving Metals
 $MFZ = 2 \times B + C + 50\text{mm}$

Calculating the 'metal free zone' DN 250 - DN 300

For Non-moving Metals
 $MFZ = 2 \times B + C + 100\text{mm}$

Position the detector in the middle of the 'metal free zone'
 For the other dimensions: position the detector symmetrical in relation to