

# Metron 05 CR

## METAL DETECTION

**CLOSED TUNNEL TYPE DETECTOR WITH CIRCULAR APERTURE FOR INSTALLATION IN GRAVITY OR VACUUM/PRESSURE CONVEYING LINES**

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

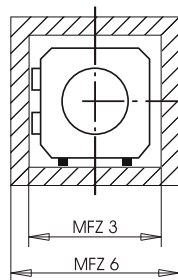
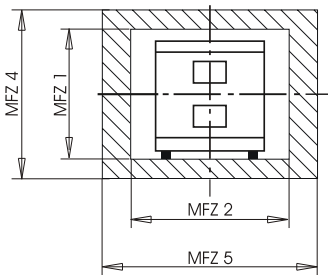
Metal detector for installation in pipe systems  
 Detects all metals encapsulated or as loose parts.  
 Highest sensitivity even in rough industrial environments.  
 Used for quality control or machine protection.  
 User friendly and reliable technology  
 Horizontal or vertical mount  
 The integrated signal processor (DSP) is the precondition for digital, 2 channel signal processing, even with conveying speeds as high as 30 meters/sec.



### Applications

Quality inspection (to meet the requirement of ISO9000, HAACP, IFS, BRC SQF)  
 Machinery protection

### Metal Free Zone (MTZ)



### Calculating the 'metal free zone'

#### For Non-moving Metals

MFZ 1 = SH = 60mm

MFZ 2 = L + LW

MFZ 3 = 2 LW

#### For moving metals

MFZ 4 = 4 LW + 30mm

MFZ 5 = L + 3.5 LW

MFZ 6 = 4 LW

Position the detector aperture in the middle of the 'metal free zone'  
 For the other levels (MFZ 1,3,4,and 6) position the detector symmetrical in relation to the aperture.

