... single plate metal detector for bulk materials

- compact design allows reliable protection against contamination by metals even under constrained conditions
- easy installation including retrofitting
- optimum price-performance ratio
- each unit is 100 % factory tested and customised in advance
**ARGUS 5**

**You can count on ...**

- suitable for continuous operation (three shifts)
- automatic system adaptation to operation requirements
- user-friendly operation
- long-term stable function by automatic adjustment
- DSP multi-channel-technology for the reliable detection of all kinds of metal
- suppression of the side-effects related to products and peripheral disturbances by digital filters

**Technical data**

**Search coil**
- Standard dimensions: 450 mm / 550 mm / 650 mm / 750 mm (special sizes on request)
- Housing: sheet steel 3 mm (painted in RAL 5005), optional in stainless steel, vibration absorber pre-mounted Ø 30 mm with 20 mm height
- Protection class: IP65

**Control unit**
- Display: LED indicator lights for metal-alarm and monitoring
- Interfaces: serial data Interface for configuration and documentation with a standard PC and terminal software
- Outputs: metal detection and self-monitoring combined
  - 1 floating changeover contact 250 VAC / 5 A
  - 1 non-floating contact 230 VAC / 1 A
- Inputs: start-up delay, reset of metal-alarm
- Protection class: IP65
- Housing (Fabr. Rittal): 300 x 300 x 210 (mm)
- Power supply: optionally 85 – 264 VAC ±10 %, 50 – 60 Hz or 18 – 36 VDC

**Options & accessories**
- control unit in stainless steel housing
- certified calibration set

**Metal detection sensitivity**

![Graph showing metal detection sensitivity vs. distance to measuring system (mm)](image)

Revisions in the course of technical progress reserved.

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**Application**

- Machine protection
  - Product range:
    - Bulk materials
    - Recycling industry (wood / plastic)
    - Building materials industry

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