

### CONTROL UNIT ULTRA HIGH SENSITIVITY RING SENSORS

The Control Unit automatically controls and adjusts the connected sensor. This allows a maintenance-free operation. A32-Bit Processor System analyses the sensor data in realtime and filters out product effects and interferences. The device can be monitored via several In- and Outputs.

#### Features

- Stainless Steel Housing (IP65)
- Easy Handling and Operation
- High Sensitivity Application
- Fade-Out product Effect
- Maintenance Free operation

#### Technical Specifications

Part No.	included with AMD-RG Series
Supply Voltage	85-265 VAC, 50/60Hz
Power Consumption	max. 40W
Switching State	LED
Electrical Connection	3m connection cable (L1, N, Ground)
Digital I/O	
Digital Inputs	4
Digital Input Types	Optical isolated; VL= -5..1.5V, VH= 6..50V; (Multifunction-Key, Ejector Guard)
Digital Outputs	6
Digital Output Types	PNP; max. 200mA (Transducer, Ejector, Device State)
Sensor - Transmitter	50 Ohm; Overload/ Short Circuit Proof (50..650kHz)
Sensor - Receiver	HDC-IQ - Receiver with Sensor-Readjustment
Serial Interfaces	2
Relay Output	2 SPDT; 250V, 1A
Voltage Output	24 VDC, Overload/ Short Circuit Proof; max. 2.5W for internal Components

#### Environmental Data

Operating Temperature	-10°C..+60°C
Storage Temperature	0°C..+50°C
Protection Class	IP65
Housing Material	Stainless Steel
Dimensions	200x300x80mm (7.9"x11.8"x3.2")
Weight	3000g (6.6lb)



#### Operation and Handling

Operation of the Control Unit is easy. The user can adjust the sensitivity and sets the parameters for various targets and their product effect. The parameters are set via the display and saved by pressing a button. Each saved product can be recalled by a single button. 3 LEDs signalize if there is a product loaded and which product it is.

The device is entirely maintenance-free. An integrated self-diagnosis tool immediately signalizes errors. All connections are pluggable.

#### Display

Keyboard	6 Keys (2 Selection Arrows, Enter, 3 x Keys for product)
Display	2 x 20 Characters, Backlit

#### Dimensions

