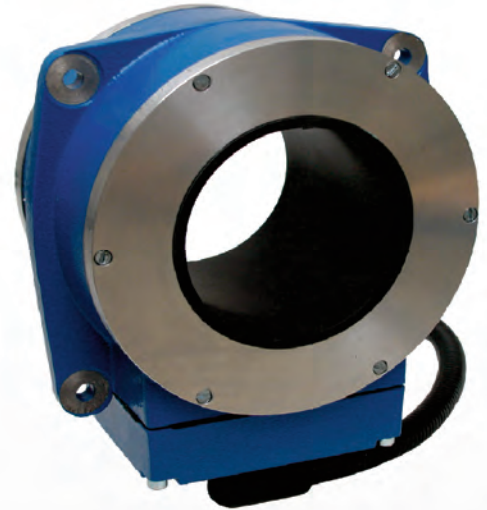


HIGH SENSITIVITY RING SENSORS

Ultra High Sensitivity Ring sensors are used in applications where the KJR Series is not sufficient. Advantages are their extremely High Sensitivity and the possibility to analyze the Sensor Signal to eliminate e.g. product effects with the included control unit.

Features

- Extremely High sensitivity (0.2mm metal targets)
- 85-265V AC universal supply voltage
- Stainless Steel Control Unit included
- Various Ring Diameters (25-100mm)
- Analysis of Sensor Signal



RING SENSORS (INCLUDING CONTROL UNIT)

Part No.	Sensitivity - min. detectable Object			
	Inner diameter	Height	Ferrous Steel	Stainless Steel
AMD-RG25-DPLUS	25mm	95mm	0.2mm	0.5mm
AMD-RG35-DPLUS	35mm	95mm	0.3mm	0.6mm
AMD-RG50-DPLUS	50mm	95mm	0.35mm	0.9mm
AMD-RG70-DPLUS	70mm	95mm	0.6mm	1.1mm
AMD-RG100-DPLUS	102mm	120mm	0.8mm	1.3mm

* Mounting Plate must not move!

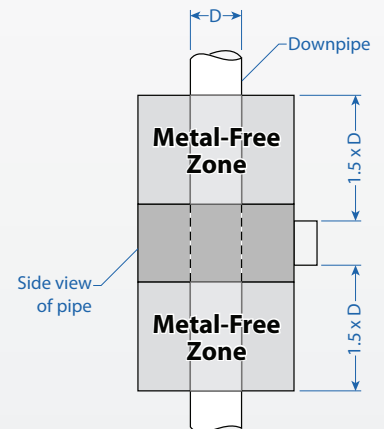
Environmental Data

Operating Temperature	-10°C..+50°C (14°F..122°F)
Storage Temperature	-10°C..+50°C (14°F..140°F)
Protection Class Sensor	IP54
Protection Class Control Unit	IP65

Ring Sensor Mounting

The Ring Sensor is sensing metal partially above and under its opening. Bigger metal pieces can be already detected in that area. In order to guarantee correct functioning of the ring sensor areas above and under the device need to be kept free of metal (Metal-Free Zone). The Metal-Free Zone is different for non-moving (static) and moving dynamic (objects).

Metal-Free Zone Static parts: 1 x inner Diameter
Metal-Free Zone Dynamic parts: 1.5 x inner Diameter



Dimensions

