

## Technical Data FAG Wear Debris Monitor



### Purpose

Detection and classification of wear of bearings, cages and gears

### Benefits

Classification of metal particles (ferrous/ non-ferrous, size)

No calibration necessary

Capable of being integrated easily into existing FAG condition-monitoring-solutions

### Industrial Sectors/ Applications

Gearboxes for all industrial applications

### FAG Wear Debris Monitor

<b>detectable particles</b>	ferrous (Fe), non-ferrous (nFe)
<b>detectable particle size</b>	Fe: > 50µm   nFe: > 150µm
<b>particle classes - Fe</b>	50/ 100/ 200/ 400/ 800 µm
<b>particle classes - nFe</b>	150/ 200/ 400/ 800/ 1600 µm
<b>operating pressure</b>	0 to 25 bar
<b>temperature of medium</b>	0 to +90 °C
<b>medium</b>	mineral and synthetic oil
<b>range of viscosity</b>	viscosity independent
<b>diameter of pipe/tube</b>	4 mm
<b>allowed flow</b>	< 4 l/ min
<b>hydraulic connection</b>	1/2" BSPP
<b>power supply</b>	15 to 24 V DC (at 85 mA)

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## FAG Wear Debris Monitor

### Dimensions

