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

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**detectable particles**
ferrous (Fe), non-ferrous (nFe)

**detectable particle size**
Fe: > 50µm | nFe: > 150µm

**particle classes - Fe**
50/ 100/ 200/ 400/ 800 µm

**particle classes - nFe**
150/ 200/ 400/ 800/ 1600 µm

**operating pressure**
0 to 25 bar

**temperature of medium**
0 to +90 °C

**medium**
mineral and synthetic oil

**range of viscosity**
viscosity independent

**diameter of pipe/tube**
4 mm

**allowed flow**
< 4 l/ min

**hydraulic connection**
1/2" BSPP

**power supply**
15 to 24 V DC (at 85 mA)
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Dimensions

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