

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

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)

Technical Data

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Dimensions

