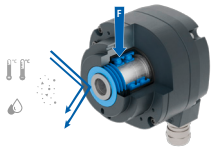
HeavyDuty encoders for use in aggressive heat, cold, dust and wetness

HOG1000 series – highest robustness for decades



The HOG1000 encoders with user-friendly field termination withstand temperatures from -50 °C or -40 °C up to 100 °C. The series meets protection classes IP66+, IP67 or IP69K as well as corrosion protection class CX or higher. In addition, the products feature enhanced electrical protection and output drivers for cable lengths of up to 350 m (HTL-P).

Highlights



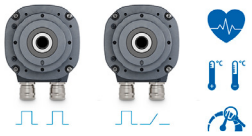
Long-life bearing setup for critical environmental conditions



Simple visualization of parameterization and monitoring with the Baumer Sensor Suite



Protection against overvoltage and miswiring



Large variety of combinations



Sealed field termination



User-friendly field termination



Extremely precise



Magnetically and mechanically resistant

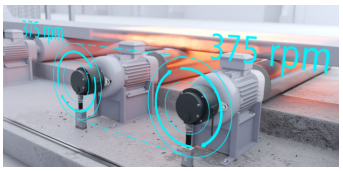
Portfolio

	HOG1060 / HOG1070	HOG1090 / HOG1095	HOG1060.X / HOG1070.X
	High-performant, incremental or redundant encoders	High-performant, incremental encoders with switches	Extreme-performant, incremental or redundant encoders
Corrosion protection	CX	CX	>CX
Protection class	IP66+, IP67	IP66+, IP67	>IP69K
Operating temperature	-40...+100 °C	-40…+100 °C	-50...+100 °C
Parametrization	✓	✓	✓
Event monitoring via Baumer Sensor Suite	x	✓	✓
Event monitoring via switches	x	x	x
Standstill, speed, direction monitoring via switches	x	x	x

Application examples



Open mining



Hot rolling mills



Wheelsets in ship-to shore cranes



Pulp and Paper

Baumer
Passion for Sensors

HÜBNER
BERLIN
A Baumer Brand

Learn more at:
www.baumer.com/HOG1000