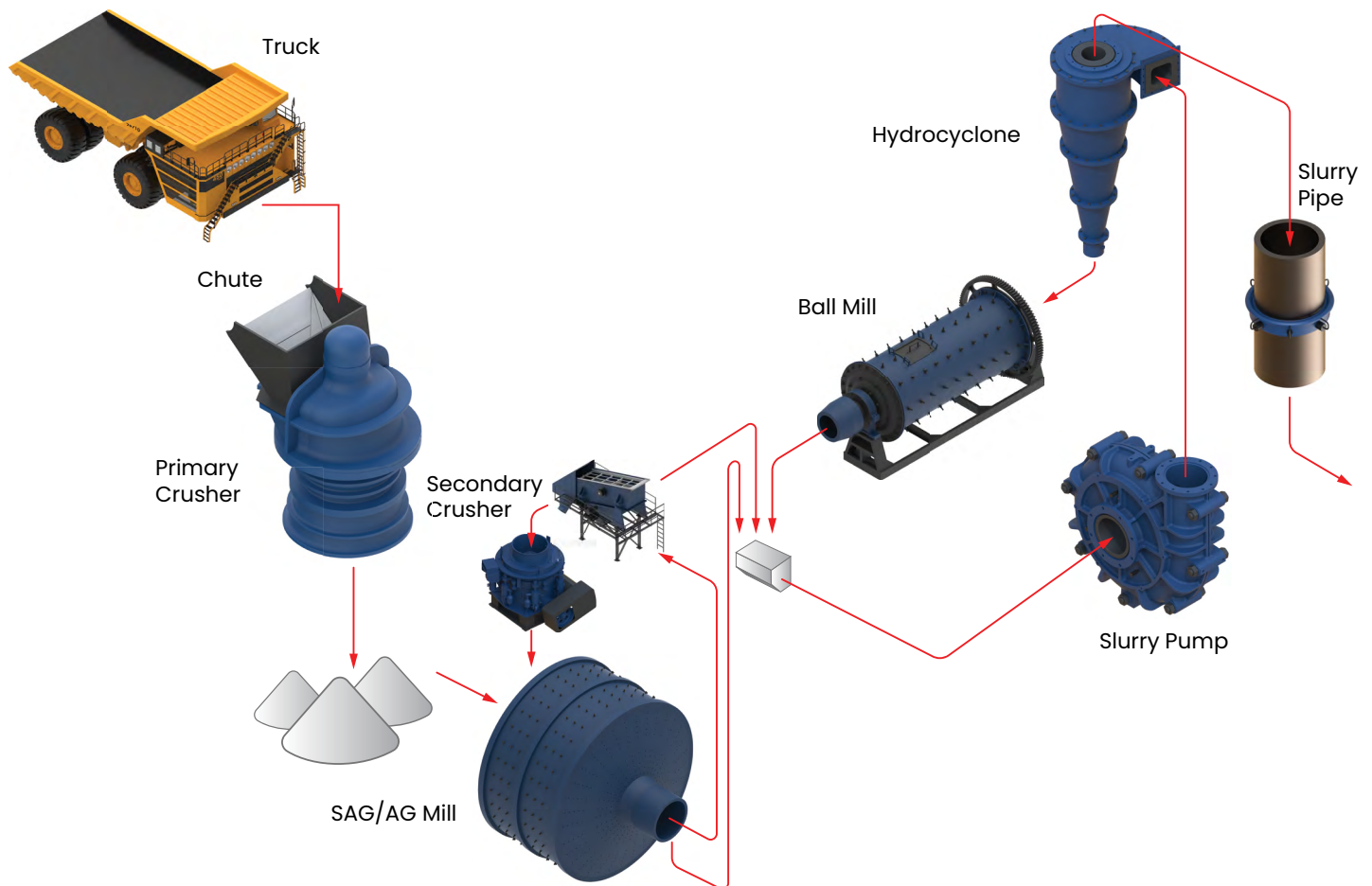


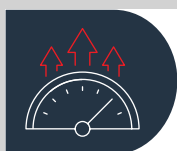
KNOW YOUR WEAR

**A real-time wear monitoring system
engineered for extreme environments.**

Wireless sensors providing real, live, actionable data points of an asset's wear.



Benefits of Wear Sensors



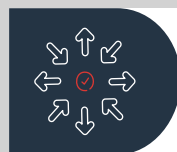
**Maximise
uptime**



**Redefine safety and
safety standards**



**Optimise operations and
improve productivity**



**Minimise waste and
optimise wear design**

Enquire now

P. 1300 BISALLOY
E. solutions@bisalloydigital.com



HYDROCYCLONES

Hydrocyclones precisely classify and separate particles in a slurry mix. The liners within protect internal surfaces from abrasive slurry and maintain separation efficiency. Wear sensors embedded in these liners are a must in modern smart operations. They enable real-time remote monitoring, predictive maintenance, and optimised liner usage, leading to improved operational efficiency, reduced downtime, and enhanced safety. By delivering accurate, real-time data, these sensors support data-driven decision-making, significantly improving overall performance, cost-effectiveness, and sustainability.

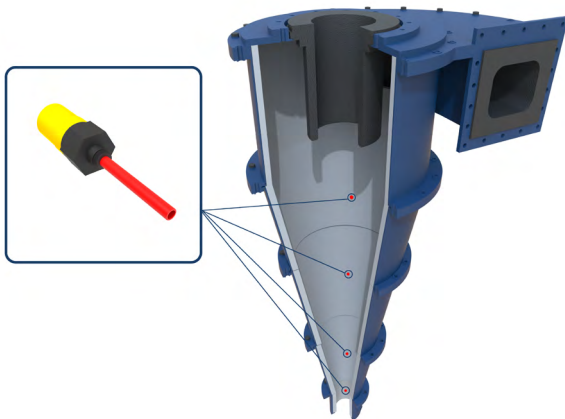
The industry's **only non-conductive** wear sensor, a game-changer for slurry and wet environments. Designed to deliver precise and reliable data where conductivity often distorts readings, this groundbreaking technology is essential for maintaining data integrity in mills, slurry pumps and pipes.

- Easy to install – 10mm diameter cold-drill hole
- Set and forget – peace of mind established with alerts
- Real-time reporting
- Seamless integration
- Tailored for precision – our wear sensors are fit for purpose, delivering customisable solutions.

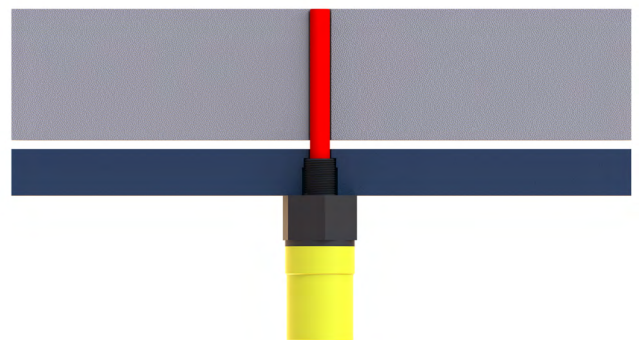


Remove the unknown – install wear sensors to know when to replace your liners and maximise your return on investment.

SPECIFICATIONS	ACTIVE
Length	25-1000mm
Probe diameter	10mm
Resolutions	>0.2mm
Graduations	0-100 *infinitely variable
Response speed	<1ms
Battery life	2 years
Cloud platform compatible	Yes
Water rating	IP67
Working temperature range	-40 ~ 85°C
Vibration	14.1g, IEC 60068-2-64:2008
Shock	10g, IEC 60068-2-6:2007
EMC – IEC	IEC 61000-4-2
EMC – ESD	IEC 61000-4-3



3D RENDERED SENSOR



2D INSTALLATION

