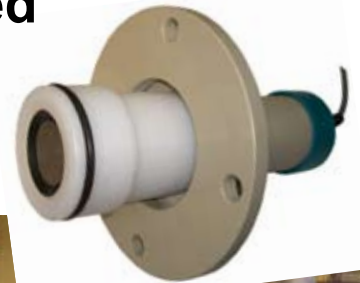




A higher level of performance

## Application Reference

# Self Cleaning Acoustic Switch for Blocked Chute Applications in Coal Preparation Plants and Concentrators



### Application problem:

A large export coal mine had problems with microwave and admittance probes on blocked chute applications because of high dielectric magnetite build-up, coal fines build-up etc.

Applications included wet screens, transfer chutes, crushers, apron feeders etc.

### Solution:

We used the automatic cleaning acoustic Gladiator switch that removed build-up and was not affected by the high dielectric environment. The acoustic switch is a dual transducer system unaffected by vibration, dust, water, high dielectric atmospheres. It comes with UHMW and titanium wear plates.

### Ordering information:

GSASUS	Gladiator Remote Amplifier
AWRT-JB-01	Special Junction Box
AWRT20T4XXXC15AS	Transducers - Teflon face
AWRT15Y4XXXC15AS	Transducers - Titanium face



Self cleaning switch that keeps the sensor head clear from build-up.



### Application guaranteed!

*Hawk is a world leader in level, position and flow measurement, providing cutting edge equipment to the global industrial market. We have 30 years of experience and a record of success in a wide range of areas including mining/mineral processing, water supply/waste water, bulk material handling and chemical. Our on-going commitment is to provide industry leading technology and cost effective solutions.*



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