

# DECLARATION OF CONFORMITY

in relation to

DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT  
AND OF THE COUNCIL  
OF 27 JANUARY 2003  
ON THE RESTRICTION OF THE  
USE OF CERTAIN HAZARDOUS SUBSTANCES (RoHS) IN  
ELECTRICAL AND ELECTRONIC EQUIPMENT

## Hall Sensors

*Hall sensors are magnetic field sensors used to provide an output voltage proportional to magnetic flux density. They are traditionally used in applications where real estate is very tight and the magnetic flux density is being mapped at several points. Excited by either a current source or Lake Shore gaussmeter, they have also been used on spaceflight missions to sense the position of magnetic switches.*

The equipment detailed above falls outside the scope of the Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE) and Directive 2002/95/EC on the Restriction of the use of certain Hazardous Substances (RoHS) as they constitute a 'component' element, which is not discernable electrical and electronic equipment (EEE) or finished goods. As such, it may legitimately contain substances restricted by Article 4.1 of Directive 2002/95/EC within each homogeneous element above the maximum concentration values defined within Commission Decision 2005/618/EC.

On behalf of Lake Shore: Karen E Lint  
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Date: 5/23/2006



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