

**Telefax/Telecopy**

Datum/Date: 29.01.03

**Herschel**

An/To: +47 55 57 41 14  
**Prototech, Bergen,**  
**Norway**  
 MM. Asle Lygr, Arild Vik,  
 Geir Omdal

089 30000 32 72  
**MPE, Munich, Germany**  
 HH. O. H. Bauer, Dr.  
 Reinhard Katterloher

+44 12 35 44 66 67  
**RAL, Chilton, U.K.**  
 Mr. E.C.Sawyer, R.L.Edeson

Kopie an/  
 Copy to:

Abs./Sender: K.Suttner  
 Abt./Dep.: ED 65/Herschel  
 Tel./Phone: +49 75 45 8-3330  
 Fax/Fax: +49 75 45 8-42 43  
 E-Mail: Klaus.Suttner@astrium-space.com  
 Ref.: HP-ASED-FX-0063 -03

Seite/Page: 1 von/of 1 Seiten/Pages

Betreff/Subj.: Temperature Sensors for Instrument MTD's

Dear Sirs,

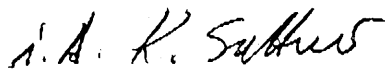
Considering previous correspondence and discussions we have verified that the use of temperature sensors other than PT1000 and C100 is neither supported by the cryo-harness nor by the PLM check-out equipment. Therefore, in order to achieve compliance to R-xxx-160 the use of PT1000 and C100 in all Instrument MTD's is mandatory. Please verify this in your design.

Kind regards

**Astrium GmbH**



i. V. Dr. K. Moritz



i. A. K. Suttner