

# EC Declaration of Conformity

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**MANUFACTURER:-** STATUS INSTRUMENTS LTD  
Green Lane,  
Tewkesbury,  
Gloucestershire,  
GL20 8DE  
UK

**Hereby declares that the following apparatus :**

**NAME:-** Head Mounted Temperature Transmitters

**TYPE:-**  
SEM110,SEM110X  
SEM203P, SEM206P  
SEM203TC, SEM206TC  
SEM205P, SEM205X  
SEM210,SEM210X  
SEM310, SEM310X  
SEM710  
STA100  
SEM170 Series

**Are in conformity with the following directives and standards:**

**DIRECTIVE:-** EMC directive 2004/108/EC and later amendments

**STANDARD:-** BS EN 61326;2006

**MANUFACTURERS SIGNATURE:-**

Signed



Date: 07<sup>th</sup> July 2009

Ian Pullin

Managing Director

**HEAD MOUNTED TEMPERATURE TRANSMITTERS**

	SEM110 SEM110X	SEM203P	SEM203TC	SEM206P	SEM206TC	SEM205P SEM205PX	SEM210 SEM210X	SEM310 SEM310X	SEM710	STA100	SEM170 SERIES
<b>ENCLOSURE</b>											
ESD	±0.1%	±0.1%	±0.1%	±0.1%	±0.1%	±0.1%	±0.1%	±0.1%	±0.1%	±0.1%	±0.1%
EM field	±1% (±2%)	±1% (±2%)	±1% (±2%)	±1% (±2%)	±1% (±2%)	±1% (±2%)	±1% (±2%)	±1% (±2%)	±1% (±2%)	±1% (±2%)	±1% (±2%)
<b>AC POWER</b>											
Voltage Dip	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Short interruption	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Burst	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Conducted RF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>DC POWER</b>											
Burst	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surge	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Conducted RF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>I/O SIGNAL CONTROL</b>											
Burst	±2%	±2%	±2%	±2%	±2%	±2%	±2%	±2%	±2%	±2%	±2%
Surge	±2%	±2%	±2%	±2%	±2%	±2%	±2%	±2%	±2%	±2%	±2%
Conducted RF	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%

**Notes:**

All Results are % full scale deviation (FSD)  
 EM field results in blue are for (3V/m (1.4GHz to 2 GHz) and 1V/m (2GHz to 2.7 GHz) tests.  
 N/A stands for not applicable