

Contract Number: 710318

Certificate: SGSNA/18/SUW/00231
Certificate Project Number: SUW-CERT181100304

Certified Product: Accelerometers
Trademarks (if any): Hansford Sensors Ltd
Model(s): HS-100IS Series, HS-420IS Series, HS-422IS Series, HS-420IT Series, HS-422IT Series
Technical Data: HS-100IS: $U_i = 28V$, $I_i = 93mA$, $P_i = 0.65W$; HS-420IS, HS-420IT, HS-422IT: $U_i = 28V$, $I_i = 115mA$, $P_i = 0.65W$; HS-420IT, HS-422IT: $U_i = 44V$, $I_i = 117mA$, $P_i = 0.722W$



(please refer page 3 for Hazardous Location Ratings)

Name and Address of Certificate Holder: Hansford Sensors Ltd
Artisan Hillbottom Road, Sands Industrial Estate, HP12 4HJ, High Wycombe, Buckinghamshire, Great Britain

Name and Address of Manufacturer: Hansford Sensors Ltd
Artisan Hillbottom Road, Sands Industrial Estate, HP12 4HJ, High Wycombe, Buckinghamshire, Great Britain

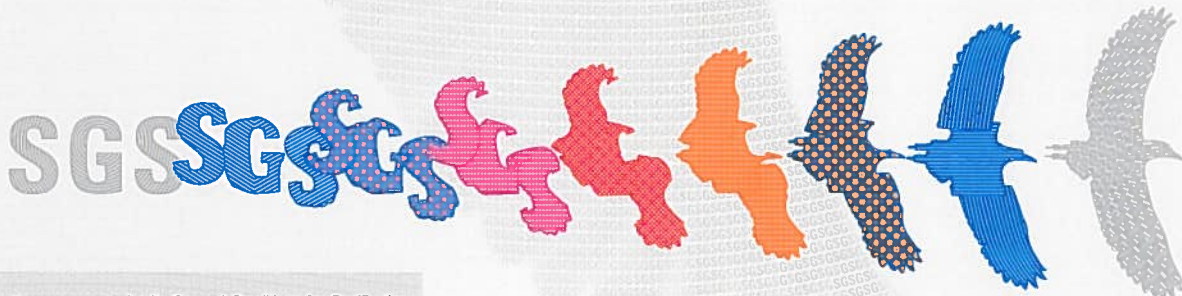
This certificate supercedes previous certificates issued with the same certificate number. Certification is valid when products are indicated on the SGS directory of certified products at www.sgs.com. The product is certified according to ISO/IEC Guide 17067, *Conformity assessment - Fundamentals of product certification, System 3*, and in accordance with

UL 913, 8th Ed. Rev. December 6, 2013
CAN/CSA C22.2 No. 157-92 (R2012) +Upd1 +Upd2

Authorized by Effective date: 27 November 2018


Paul Krauss
Certifier

Consumer and Retail Services, a division of SGS North America Inc.
620 Old Peachtree Road, Ste. 100, Suwanee, GA 30024, USA
t +1 770 570 1800 f +1 770 277 1240 www.sgs.com
Page 1 of 3



This certificate is issued by the company under its General Conditions for Certification Services accessible at www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this Certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS

Contract Number: 710318

Certificate: SGSNA/18/SUW/00231
Certificate Project Number: SUW-CERT181100304

Certified Product:

Accelerometers

Trademarks (if any):

Hansford Sensors Ltd

Model(s):

HS-100IS Series, HS-420IS Series, HS-422IS Series, HS-420IT Series, HS-422IT Series

Name of Certificate Holder:

Hansford Sensors Ltd

Name and Address of Factory:

Hansford Sensors Ltd
Artisan Hillbottom Road, Sands Industrial Estate, HP12
4HJ, High Wycombe, Buckinghamshire, Great Britain

Effective date: 27 November 2018

Consumer and Retail Services, a division of SGS North America Inc.
620 Old Peachtree Road, Ste. 100, Suwanee, GA 30024, USA
t +1 770 570 1800 f +1 770 277 1240 www.sgs.com
Page 2 of 3



This certificate is issued by the company under its General Conditions for Certification Services accessible at www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this Certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Contract Number: 710318

Certificate: SGSNA/18/SUW/00231
Certificate Project Number: SUW-CERT181100304

Certified Product:

Accelerometers

Trademarks (if any):

Hansford Sensors Ltd

Model(s):

HS-100IS Series, HS-420IS Series, HS-422IS Series, HS-420IT Series, HS-422IT Series

Hazardous Location Ratings:

HS-420IS:

Class I, II, III, Division 1, 2, Groups A - G, T6, -40°C to +60°C, IP65; Class I, Zone 0, AEx, ia, IIC, T6, Ga, -40°C to +60°C; Zone 20, AEx, ia, IIIC, T80°C, IP65, Da, -40°C to +60°C;

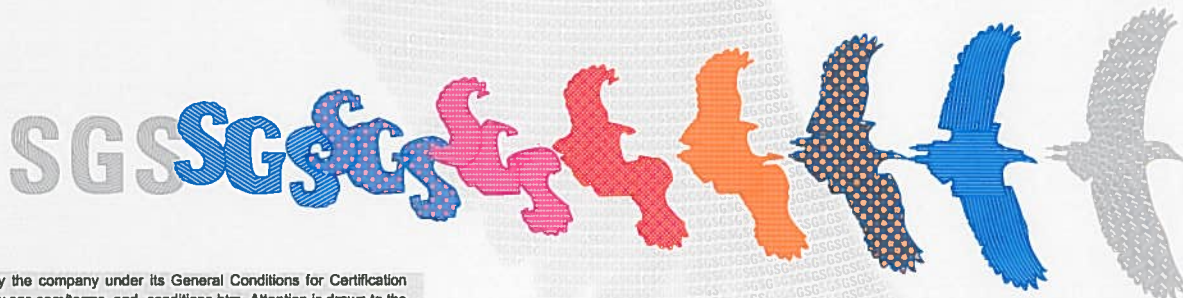
HS-100IS:

Class I, II, III, Division 1, 2, Groups A - G, T4, -55°C to +110°C, IP65; Class I, Zone 0, AEx, ia, IIC, T4, Ga, -55°C to +110°C; Zone 20, AEx, ia, IIIC, T130°C, IP65, Da, -55°C to +110°C; Class I, II, III, Division 1, 2, Groups A - G, T6, -55°C to +60°C; Zone 20, AEx, ia, IIIC, T80°C, IP65, DA, -55°C to +60°C

HS-420IT and HS-422IT:

Class I, II, III, Division 1, 2, Groups A - G, T4, -40°C to +110°C; Class I, Zone 0, AEx, ia, IIC, T4, Ga, -40°C to +110°C; Zone 20, AEx, ia, IIIC, T130°C, IP65, DA, -40°C to +110°C; Class I, II, III, Division 1, 2, Groups A - G, T6, -40°C to +60°C; Class I, Zone 0, AEx, ia, IIC, T6, Ga, -40°C to +60°C; Zone 20, AEx, ia, IIIC, T80°C, IP65, DA, -40°C to +60°C

Page 3 of 3



This certificate is issued by the company under its General Conditions for Certification Services accessible at www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this Certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.