



Member State
Denmark

OIML Certificate N°
R60/2000-DK3-17.02

OIML CERTIFICATE OF CONFORMITY

Issuing authority

Name: **DELTA**
Address: Venlighedsvej 4
2970 Hørsholm
Denmark

Person responsible: J. Hovgaard Jensen

Applicant

Name: **Group Four Transducers Inc.**
Address: 22 Deer Park Drive,
E. Longmeadow MA 01028,
USA

Manufacturer

of the certified pattern: **3S Fabrications (Pvt) Ltd.**

Identification

of the certified pattern: **Digital single point strain gauge load cell**
Type: SPF5

Further characteristics are set out on page 2.

This certificate attests the conformity of the above-mentioned pattern (represented by the samples identified in the associated test report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

R60
edition 2000 (E)
for accuracy class C

This certificate relates only to the metrological and technical characteristics of the pattern of the instrument concerned, as covered by the relevant OIML International Recommendation.

This certificate does not bestow any form of legal international approval.



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The conformity was established by tests described in the associated test report N° DANAK-1918695 issued by DELTA, 61 pages, issued 20 December 2017.

The issuing authority: **DELTA, OIML Issuing Authority DK3**
22 December 2017

J. Hovgaard Jensen
Certification Officer

Characteristics

Type designation		SPF5
Accuracy class		C7
Maximum number of intervals	n_{LC}	7000
Maximum capacity	E_{max}	10 to 50 kg
Apportionment factor	p_{LC}	0.8
Minimum verification interval	V_{min}	$E_{max}/50000$
Ratio of min LC verification interval	Y	50000
Minimum dead load output return	DR	$0.0040 \% E_{max}$
Relative DR	Z	12500
Excitation voltage	U_{exc}	10-30 VDC
Minimum dead load, relative	E_{min} / E_{max}	0 %
Safe overload limit	Lim	$150 \% E_{max}$
Temperature rating	T_{min} / T_{max}	-10 °C / +40 °C
Humidity condition		SH
Data interface		RS232/CAN or RS422/RS485
Communication speed		9600 to 460800 baud
Software version		0106
Load cell material		Stainless steel

Important note:

Apart from the mention of the certificate's reference number and the name of the OIML Member State in which the certificate was issued, partial quotation of the certificate or of the associated test report is not permitted, though they may be reproduced in full.