



S228
6/11/87

NATIONAL STANDARDS COMMISSION

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

SUPPLEMENTARY CERTIFICATE OF APPROVAL No S228

This is to certify that an approval for use for trade has been granted in respect of the pattern and variant of the

Transducers Model T9363-1K-20K1 Load Cell

submitted by Transducers Inc.
14030 Bolsa Lane
Cerritos California 90701
U.S.A.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/9/92.
This approval expires in respect of new instruments on 1/9/93.

Instruments incorporating a load cell purporting to comply with this approval shall be marked NSC No S228 in addition to the approval number of the instrument.

This approval may be withdrawn if load cells are constructed other than in accordance with the drawings and specifications lodged with the Commission.

The load cells used shall be subject to regular certification by the Commission.

Signed

Executive Director

Descriptive Advice

Pattern: approved 4/8/87

- Transducers model T9363-1K-20K1 load cell of 454 kg capacity.

Variant: approved 4/8/87

1. With various length cable.

Technical Schedule No S228 describes the pattern and variant.

Filing Advice

The documentation for this approval comprises:

Supplementary Certificate of Approval No S228 dated 6/11/87
Technical Schedule No S228 dated 6/11/87
Figures 1 and 2 dated 6/11/87



NATIONAL STANDARDS COMMISSION

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TECHNICAL SCHEDULE No S228

Pattern: Transducers Model T9363-1K-20K1 Load Cell

Submittor: Transducers Inc.
14030 Bolsa Lane
Cerritos California 90701
U.S.A.

1. Description of Pattern

The pattern is a Transducers model T9363-1K-20K1 load cell of 454 kg capacity (refer Figure 1 and Table 1).

1.1 Method of Mounting

Mounting is to be by combinations of the methods shown in Figure 2, on both ends of the load cell.

1.2 Marking

The following is the minimum data required to marked on the load cell:

Manufacturer's name or mark	
Model number	
Serial number	
NSC approval number	NSC S228
Maximum rated capacity	

2. Description of Variant 1

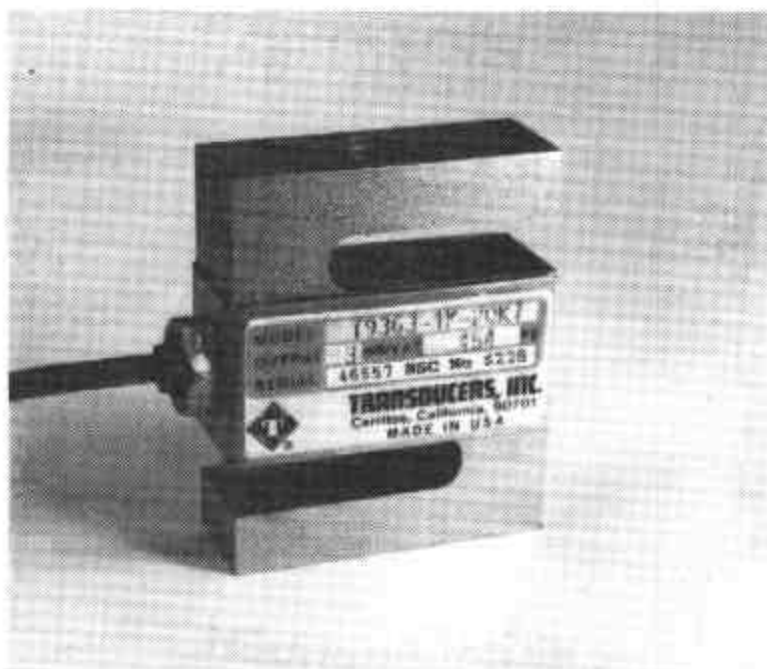
With various length cable as designated by the model number viz. T9363-1K-**K1 where ** multiplied by 0.3 is the cable length in metres.

TABLE 1

<u>Type:</u> Transducers	T9363-1K-20K1
Maximum capacity	454 kg
Maximum number of verification	(a) 3000
scale intervals *	(b) 3000
	(c) 3000
	(d) 3000
Minimum value of verification	(a) 0.05 kg
scale interval *	(b) 0.05 kg
	(c) 0.08 kg
	(d) 0.10 kg
Output rating (nominal)	3.0-3.6 mV/V
Input impedance (nominal)	390 ohms
Supply voltage (AC or DC)	10-15 V
Cable length (\pm 0.1 m)	6.1 m
Number of leads (including shield)	5

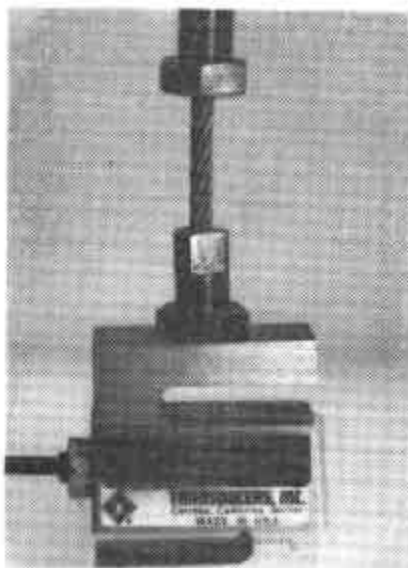
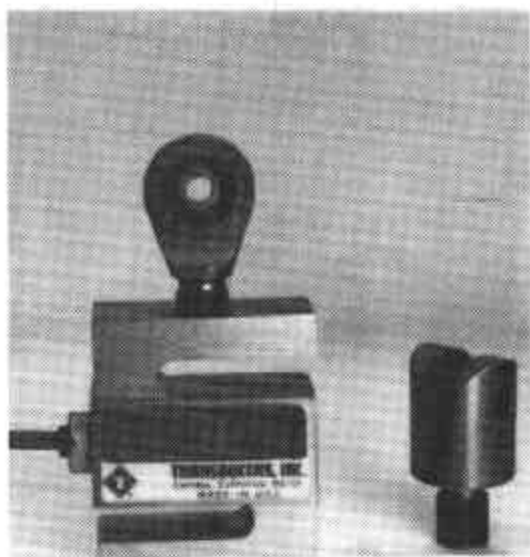
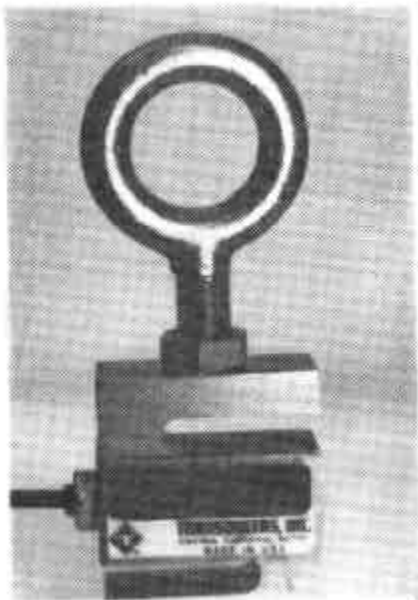
- (a) Instruments with automatic zero track - multi cell applications
- (b) Instruments with automatic zero track - single cell applications
- (c) Instruments without automatic zero track - multi cell applications
- (d) Instruments without automatic zero track - single cell applications

FIGURE S228 - 1



Transducers T9363-1K-20K1 Load Cell

FIGURE S228 - 2



Typical Mounting Fittings