

National Standards Commission



Supplementary Certificate of Approval

No S265

Issued under Regulation 9
of the
National Measurement (Patterns of Measuring Instruments) Regulations

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

Weightronix Model WBP 1.25k Load Cell

submitted by Salter Weightronix Pty Ltd
 1 Apollo Court
 Blackburn VIC 3130.

NOTE: This Certificate relates to the suitability of the pattern of the instrument for use for trade only in respect of its metrological characteristics. This Certificate does not constitute or imply any guarantee of compliance by the manufacturer or any other person with any requirements regarding safety.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/4/95.
This approval expires in respect of new instruments on 1/4/96.

Instruments purporting to comply with this approval shall be marked NSC No S265 and only by persons authorised by the submitter.

Instruments incorporating a component purporting to comply with this approval shall be marked NSC No S265 in addition to the approval number of the instrument.

It is the submitter's responsibility to ensure that all instruments marked with this approval number are constructed as described in the documentation lodged with the Commission and with the relevant Certificate of Approval and Technical Schedule. Failure to comply with this Condition may attract penalties under Section 19B of the National Measurement Act and may result in cancellation or withdrawal of the approval, in accordance with the Commission's Document 106.

The values of the performance criteria (maximum number of scale intervals etc.) applicable to an instrument incorporating the pattern approved herein shall be within the limits specified herein and in any approval documentation for the other components.

The Commission reserves the right to examine any instrument or component of an instrument purporting to comply with this approval.

DESCRIPTIVE ADVICE

Pattern: approved 12/3/90

. A Weightronix model WBP 1.25k load cell of 625 kg maximum capacity.

Technical Schedule No S265 describes the pattern.

Variant: approved 8/1/93

1. Of 1375 kg maximum capacity.

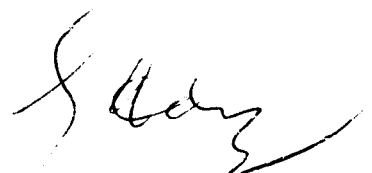
Technical Schedule No S265 Variation No 1 describes variant 1.

FILING ADVICE

Supplementary Certificate of Approval No S265 dated 3/10/90 is superseded by this Certificate and may be destroyed. The documentation for this approval now comprises.

Supplementary Certificate of Approval No S265 dated 4/3/93
Technical Schedule No S265 dated 3/10/90 (incl. Table 1)
Technical Schedule No S265 dated 4/3/93 (incl. Table 1)
Figures 1 to 3 dated 3/10/90

Signed and sealed by a person authorised under Regulation 9 of the National Measurement (Patterns of Measuring Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.





National Standards Commission

TECHNICAL SCHEDULE No S265

Pattern: Weightronix Model WBP 1.25k Load Cell.

Submittor: Salter Weightronix Pty Ltd
1 Apollo Court
Blackburn VIC 3130.

1. Description of Pattern

The pattern is a Weightronix model WBP 1.25k load cell of 625 kg capacity (refer Figure 1 and Table 1) approved for use with a maximum of 5000 verification scale intervals.

1.1 Method of Mounting

Mounting is to be in accordance with the manufacturer's instructions and in accordance with one of the methods shown in Figures 2 and 3.

1.3 Markings

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

Manufacturer's name or mark	
Model number	
Serial number	
NSC approval number	NSC No S265
Maximum rated capacity	

TABLE 1

Type: Weightronix model WBP 1.25k	
Maximum capacity	625 kg
Maximum number of verification	(a) 5000
scale intervals	(b) 5000
Minimum value of verification	(a) 0.0310 kg
scale interval	(b) 0.0775 kg
Output rating (nominal)	2.0 mV/V
Input impedance (nominal)	350 ohms
Supply voltage (DC)	10-20 V
Number of leads (plus shield)	4
Cable length (± 0.1 m)	1.8 m

- (a) Instruments with automatic zero track.
(b) Instruments without automatic zero track.



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TECHNICAL SCHEDULE No S265

VARIATION No 1

Pattern: Weightronix Model WBP 1.25k Load Cell.

Submitter: Salter Weightronix Pty Ltd
1 Apollo Court
Blackburn VIC 3130.

1. Description of Variant 1

A Weightronix model WBP 1.25k load cell of 1375 kg capacity approved for use with a maximum of 3500 verification scale intervals (refer Table 1 below).

NOTE: The Table below replaces Table 1 included as part of Technical Schedule No S265 dated 3/10/90.

TABLE 1

Type: Weightronix model WBP 1.25k

Maximum capacity	625 kg	1375 kg
Maximum number of verification scale intervals	5000	3500
Minimum value of verification scale interval	0.078 kg	0.173 kg
Minimum dead load output return for multi-range instruments (DR)	0.063 kg	0.18 kg
Output rating (nominal)	2 mV/V	2 mV/V
Input impedance (nominal)	350 ohms	350 ohms
Supply voltage (DC)	10-20 V	10-20 V
Number of leads (plus shield)	4	4
Cable length (± 0.1 m)	1.8 m	2.2 m

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NOTIFICATION OF CHANGE

SUPPLEMENTARY CERTIFICATE OF APPROVAL No S265

CHANGE No 1

The following change is made to the approval documentation for the

Weightronix Model WBP 1.25k Load Cell

submitted by Salter Weightronix Pty Ltd
 20 Terracotta Drive
 (formerly 1 Apollo Court)
 Blackburn VIC 3130.

In Certificate of Approval No S265 dated 4 March 1993, the Condition of Approval referring to the expiry of the approval should be amended to now read:

"This approval expires in respect of new instruments on 1 July 1996."

Signed and sealed by a person authorised under Regulation 9 of the National Measurement (Patterns of Measuring Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.

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NOTIFICATION OF CHANGE

SUPPLEMENTARY CERTIFICATE OF APPROVAL No S265

CHANGE No 2

The following change is made to the approval documentation for the

Weightronix Model WBP 1.25k Load Cell

submitted by Salter Weightronix Pty Ltd
20 Terracotta Drive
(formerly 1 Apollo Court)
Blackburn VIC 3130.

In Certificate of Approval No S265 dated 4 March 1993, the Condition of Approval referring to the expiry of the approval should be amended to now read:

"This approval expires in respect of new instruments on 1 December 1996."

NOTE: This approval was previously amended by Notification of Change No 1 issued 17 April 1996.

Signed and sealed by a person authorised under Regulation 9 of the National Measurement (Patterns of Measuring Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.

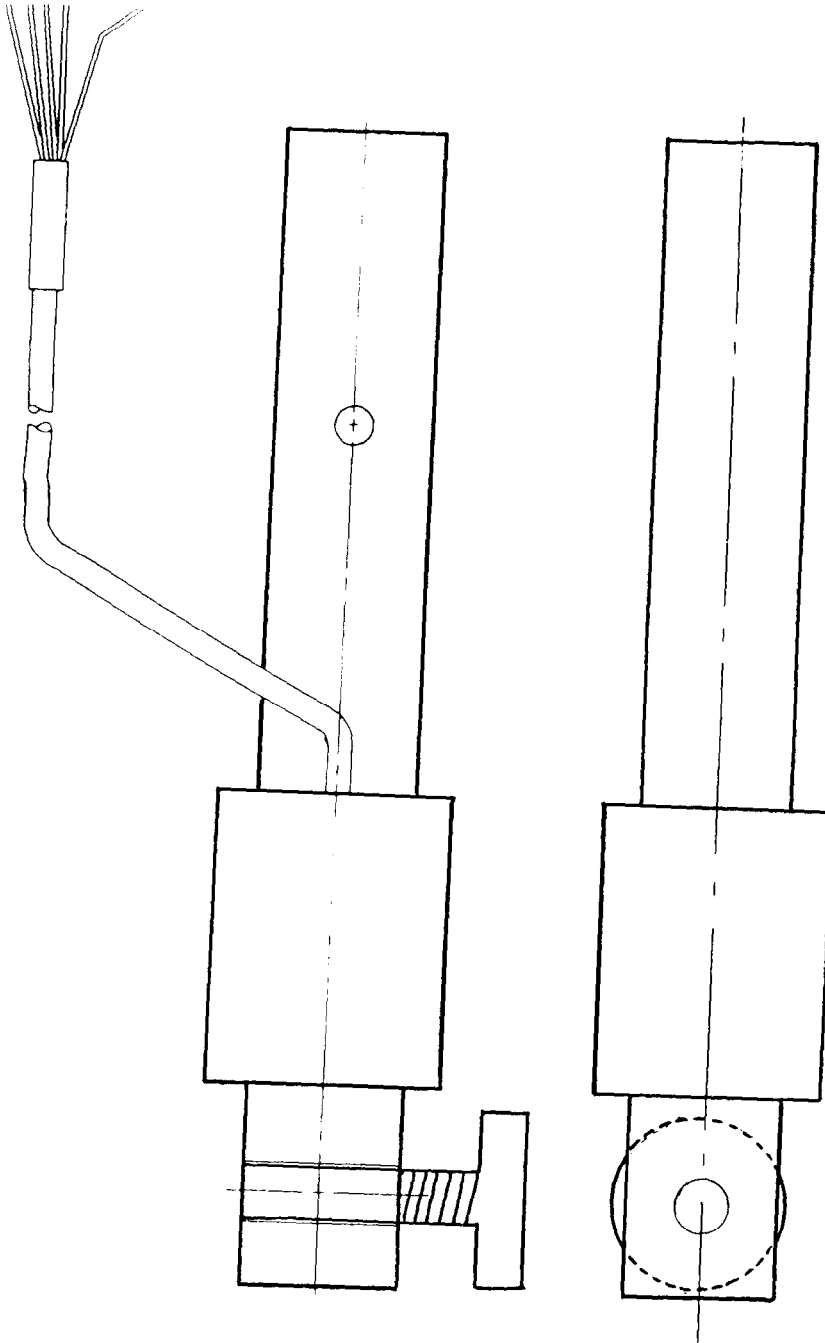
A handwritten signature in black ink, appearing to read 'J. Birch', is written over a horizontal line.

FIGURE S265 - 1



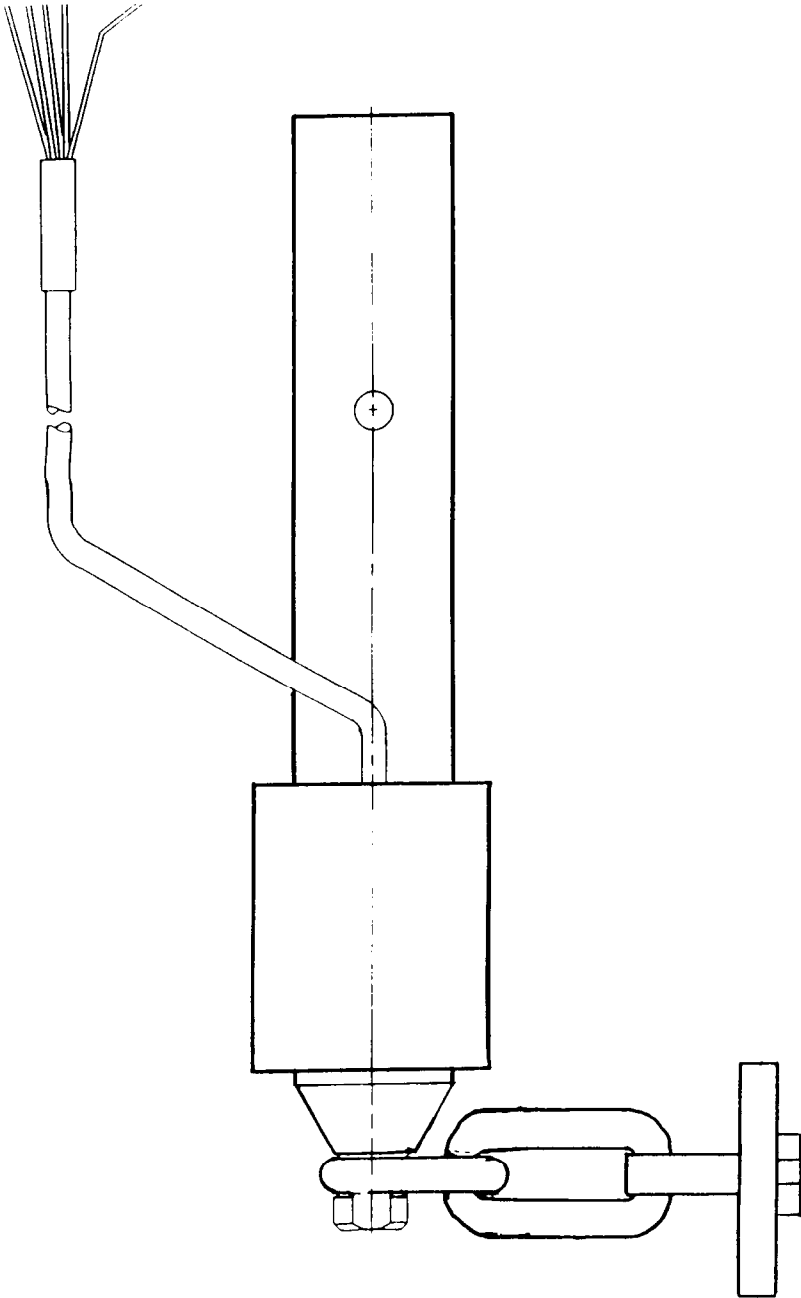
Weightronix Model WBP Load Cell

FIGURE S265 - 2



(Typical Mounting Method

FIGURE S265 - 3



Alternative Mounting Method