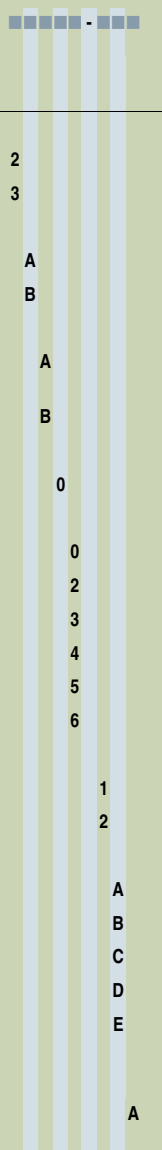


**Milltronics BW500 and BW500/L**

A full-feature, powerful integrator designed for use with both belt scales and weighfeeders

➤ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.

**7MH7152-**



**Input voltage**

- AC voltage ➤ 2
- DC voltage ➤ 3

**Auxiliary input/output board**

- None ➤ A
- Board with 2 analog inputs and 2 analog outputs<sup>1)</sup> ➤ B

**Feature software**

- BW500, 1 ... 6 load cell input (advanced feature set) ➤ A
- BW500/L, 1... 2 load cell input<sup>2)</sup> (basic feature set) ➤ B

**Auxiliary memory**

- None ➤ 0

**Data communications<sup>3)</sup>**

- SmartLinx ready ➤ 0
- SmartLinx PROFIBUS DP module ➤ 2
- SmartLinx DeviceNet module ➤ 3
- SmartLinx PROFINET module ➤ 4
- SmartLinx EtherNet/IP module ➤ 5
- SmartLinx Modbus TCP/IP module ➤ 6

**Enclosures**

- Standard enclosure, no entry holes ➤ 1
- Standard enclosure, 4 entries, for M20 glands ➤ 2

**Trade approval stickers**

- No trade approval sticker ➤ A
- Not legal for Canadian and EU trade sticker ➤ B
- Legal for Canadian trade<sup>4)5)6)</sup> ➤ C
- Legal for U.S. trade (NTEP)<sup>4)5)6)</sup> ➤ D
- Legal for World trade (OIML), European trade (MID)<sup>4)5)6)</sup> ➤ E

**Approvals**

- CE, CSA<sub>US/C</sub>, FM, RCM ➤ A

*Further designs*

Please add "-Z" to article no. and specify order code(s).

Stainless steel tag (69 x 50 mm), Measuring-point number/identification (max 27 characters), specify in plain text. ➤ **Y15**

Manufacturer's test certificate: According to EN 10204-2.2 ➤ **C11**

OIML/MID approval additional nameplate (submit application data with order) **Y77**

NTEP approval additional nameplate (submit application data with order) **Y78**

LVDT conditioner card mounted and connected for use with LVDT belt scales **G21**

Stainless steel, sun/weather shield 357 x 305 x 203 mm (14 x12 x 8 inch) (finished unit is field mounted with enclosure) **S50**

Stainless steel enclosure, 304 (1.4301), [406 x 305 x 152 mm (16 x12 x 6 inch), Nema/Type 4X, IP66; (finished unit is mounted inside enclosure)]

- With window **A11**
- Without window **A12**

Painted mild steel, [406 x 305 x 152 mm (16 x 12 x 6 inch), Nema/Type 4, IP65; (finished unit is mounted inside enclosure)]

- With window **A13**
- Without window **A14**

Painted mild steel, anti-vibration enclosure with viewing window [406 x 305 x 203 mm (16 x 12 x 8 inch), Nema/Type 4, IP66; (finished unit is mounted inside enclosure)] **A15**

Painted mild steel, heated enclosure with viewing window for use down to -50 °C (-58 °F); finished unit is mounted inside enclosure 483 x 584 x 203 mm (19 x 23 x 8 inch) **A35**

➤ We can offer shorter delivery times for configurations designated with the Quick Ship Symbol ➤.

<sup>1)</sup> Required for PID control and online calibration, available with feature software option A only.

<sup>2)</sup> Available with auxiliary I/O option A, and trade approval stickers A, B only.

<sup>3)</sup> Required for industrial communications.

<sup>4)</sup> Requires use with applicable certified MSI or MMI.

<sup>5)</sup> Complete specification data sheet on page 4/3 and submit with order.

<sup>6)</sup> Available with feature software option A only.

**Milltronics BW500 and BW500/L**
**Instruction manuals**

- BW500 and BW500/L, English
- BW500 and BW500/L, German

Note: the instruction manual should be ordered as a separate item on the order.

All literature is available to download for free, in a range of languages, at

<http://www.siemens.com/processinstrumentation/documentation>

This device is shipped with the Siemens Level and Weighing manual DVD containing the complete instruction manual library.

**Additional instruction manuals**

LVDT Conditioner Card Instruction Manuals, English

LVDT Conditioner Card Instruction Manuals, German

SmartLinx PROFIBUS DP, English

SmartLinx PROFIBUS DP, German

SmartLinx DeviceNet, English

Note: the appropriate SmartLinx instruction manual should be ordered as a separate line on the order.

All literature is available to download for free, in a range of languages, at

<http://www.siemens.com/processinstrumentation/documentation>

This device is shipped with the Siemens Level and Weighing manual DVD containing the complete instruction manual library.

**Optional equipment**

Auxiliary I/O card spare

LVDT Conditioners in Nema 4 enclosure (to interface LVDT belt scale without internal pre-amplifier)

Supply voltage regulators, 120 V AC, 60 Hz

Cables to connect BW500, BW500/L, and SF500 keypad to motherboard

SIMATIC Touch panel 277, 6 inch

SIMATIC Touch panel TP277B, 6 inch

SIMATIC Multi-panel MP277, 8 inch

Programmed MMC for SIMATIC panel TP277

Programmed MMC for SIMATIC panel TP177B

Programmed MMC for SIMATIC panel MP277

SITRANS RD100 Remote displays, see RD100 on page 2/21

SITRANS RD200 Remote displays, see RD200 on page 2/23

SITRANS RD300 Remote displays, see RD300 on page 2/27

SITRANS RD500 web, datalogging, alarming, Ethernet, and modem support for instrumentation, see page 2/31

Large LED display, 150 mm (6 inch) high characters

**A5E33482052**
**A5E35574642**
**7ML1998-5EF01**
**7ML1998-5EF31**
**7ML1998-1AQ03**
**7ML1998-1AQ33**
**7ML1998-1BH02**
**7MH7723-1BJ**
**7MH7723-1AJ**
**7MH7726-1AN**
**7MH7723-1CB**
**6AV6643-0AA01-1AX0**
**6AV6642-0BA01-1AX1**
**6AV6643-0CB01-1AX1**
**7MH7726-1AW**
**7MH7726-1AX**
**7MH7726-1AY**
**7ML5750-1AA00-0**
**A5E31871009**
**Spare parts**

Display card

BW500 motherboard, AC

BW500/L motherboard, AC

BW500 motherboard, DC

BW500/L motherboard, DC

Fuse, 2 A, 250 V, BW500, BW500/L, and SF500, spare

Lid with overlay and keypad for BW500

Lid with overlay and keypad for trade approved BW500

Lid with overlay and keypad for BW500/L

Keypads spare for BW500, BW500/L, and SF500

LVDT card spare

Modbus TCP/IP, EtherNet/IP module

PROFINET IO module

PROFIBUS DP module

DeviceNet module

**7MH7723-1AF**
**A5E34320772**
**A5E34320773**
**A5E34320774**
**A5E34320775**
**7MH7723-1DG**
**7MH7723-1AK**
**7MH7723-1HN**
**A5E34699647**
**7MH7723-1CD**
**A5E34699664**
**7ML1830-1PN**
**7ML1830-1PM**
**7ML1830-1HR**
**7ML1830-1HT**