

Selection and ordering data	Article No.					Order Code
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.	➤	7	M	H	7152-	
Input voltage						
AC voltage	➤	2				
DC voltage	➤	3				
Auxiliary input/output board						
None	➤	A				
Board with 2 analog inputs and 2 analog outputs ¹⁾	➤	B				
Feature software						
BW500, 1 ... 6 load cell input (advanced feature set)	➤	A				
BW500/L, 1... 2 load cell input ²⁾ (basic feature set)	➤	B				
Auxiliary memory						
None	➤	0				
Data communications³⁾						
SmartLinux ready	➤	0				
SmartLinux PROFIBUS DP module	➤	2				
SmartLinux DeviceNet module	➤	3				
SmartLinux ProfiNet module	➤	4				
SmartLinux EtherNet I/P module	➤	5				
SmartLinux MODBUS TCP I/P 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 ⁴⁾⁵⁾⁶⁾				C		
Legal for U.S. trade (NTEP) ⁴⁾⁵⁾⁶⁾				D		
Legal for World trade (OIML), European trade (MID) ⁴⁾⁵⁾⁶⁾				E		
Approvals						
CE, CSA _{US/C} , 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.						

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

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

³⁾ Required for industrial communications.

⁴⁾ Requires use with applicable certified MSI or MMI.

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

⁶⁾ Available with feature software option A only.

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Milltronics BW500 and BW500/L <i>Instruction manuals</i> BW500 and BW500/L, English BW500 and BW500/L, German BW500, French BW500, Spanish Note: The instruction manual should be ordered as a separate item on the order.	A5E33482052 A5E35574642 7ML1998-5DK12 7ML1998-5DK23	<i>Spare parts</i> Display card BW500 motherboard, AC BW500/L motherboard, AC BW500 motherboard, DC BW500/L motherboard, DC Battery, 3 V, lithium 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 I/P, EtherNet I/P module ProfiNet IO module PROFIBUS DP module DeviceNet module	7MH7723-1AF A5E34320772 A5E34320773 A5E34320774 A5E34320775 7MH7723-1ES 7MH7723-1DG 7MH7723-1AK 7MH7723-1HN A5E34699647 7MH7723-1CD A5E34699664 7ML1830-1PN 7ML1830-1PM 7ML1830-1HR 7ML1830-1HT
<i>Additional instruction manuals</i> LVDT Conditioner Card Instruction Manuals, English LVDT Conditioner Card Instruction Manuals, German SmartLinx PROFIBUS DP, English SmartLinx PROFIBUS DP, German SmartLinx PROFIBUS DP, French SmartLinx DeviceNet, English Note: The appropriate SmartLinx instruction manual should be ordered as a separate line on the order. This device is shipped with the Siemens Milltronics manual DVD containing the complete instruction manual library.	7ML1998-5EF01 7ML1998-5EF31 7ML1998-1AQ03 7ML1998-1AQ33 7ML1998-1AQ12 7ML1998-1BH02		
<i>Optional equipment</i> 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 2/14 SITRANS RD200 Remote displays, see RD200 on page 2/16 SITRANS RD300 Remote displays, see RD300 on page 2/20 SITRANS RD500 web, datalogging, alarming, Ethernet, and modem support for instrumentation, see page 2/24 Large LED display, 150 mm (6 inch) high characters	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		