

Milltronics SF500

A full feature, powerful integrator designed for use with solids flowmeters

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

Input voltage

AC voltage

2

DC voltage

3

Auxiliary input/output boards¹⁾

None

A

Board with 2 analog inputs and 2 analog outputs

B

Feature software

Standard

A

Auxiliary memory

None

0

Data communications²⁾

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

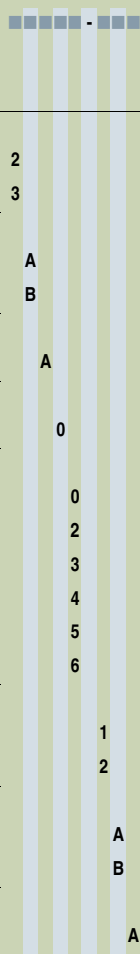
B

Approvals

CE, CSA_{US/C}, FM, RCM

A

7MH7156-



Further designs

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

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

Y15

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

S50

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

C11

LVDT conditioner card mounted and connected for use with LVDT flowmeters

G21

Stainless steel enclosure, 304 (1.4301), [406 x 305 x 152 mm (16 x 12 x 6 inch), 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), 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

Instruction manuals

- SF500, English

Article No.

- SF500, German

A5E33489473

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

A5E35574806

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

SmartLinx PROFIBUS DP, English

7ML1998-1AQ03

SmartLinx PROFIBUS DP, German

7ML1998-1AQ33

SmartLinx DeviceNet, English

7ML1998-1BH02

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

LVDT Conditioner Card Manual, English

7ML1998-5EF01

LVDT Conditioner Card Manual, German

7ML1998-5EF31

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

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

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¹⁾ Required for PID control and online calibration.

²⁾ Required for industrial communications.

Optional equipment

Auxiliary I/O card spare	7MH7723-1BJ
LVDT Conditioners in NEMA 4 enclosure (to interface LVDT belt scale without internal pre-amplifier)	7MH7723-1AJ
Cables to connect BW500/SF500 keypad to motherboard	7MH7723-1CB
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 on page 2/31	7ML5750-1AA00-0

Spare parts

Display card	7MH7723-1AF
Lid with overlay and keypad	7MH7723-1AG
SF500 motherboard, AC	A5E34320776
SF500, motherboard, DC	A5E34320778
Fuse, 2 A, 250 V, BW500, BW500/L, and SF500, spare	7MH7723-1DG
Keypad spare for BW500, BW500/L, and SF500	7MH7723-1CD
LVDT card spare	A5E34699664
PROFINET IO module	7ML1830-1PM
Modbus TCP/IP, EtherNet/IP module	7ML1830-1PN
PROFIBUS DP module	7ML1830-1HR
DeviceNet module	7ML1830-1HT