

Selection and ordering data

Article No.

SITRANS WS300 speed sensor

A medium- to high-resolution shaft-driven speed sensor used with Milltronics belt scales.

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

Resolution (pulses per revolution)

32	◆	1
256	◆	2
1 000	◆	3
2 000	◆	4

Enclosure

C5-M rated polyester painted aluminum, NEMA 4X	◆	A
304 (1.4301) stainless steel, vibra finish NEMA 4X	◆	B

Approvals

CSA/FM Class II, Div. 1, Groups E, F, G Class III ATEX II 2D, Ex tD A21 IP65 T70 °C, CE, RCM, IECEX, Ex tD A21 IP65 T70 °C	◆	A
CSA/UL Class I, Div. 1, Groups A, B, C, and D; Class II, Div. 1, Groups E, F, and G; Class III, Div. 1, ATEX II 1G, EEx ia IIC T6, ATEX II 1D Ex iaD 20 T108 °C, CE, RCM ¹⁾²⁾	◆	B
CE, RCM	◆	D

Connections

Standard, up to 2 integrators	◆	1
Multiple, up to 10 integrators	◆	2

Switch isolator

Not required	◆	0
115 V AC ³⁾	◆	1
230 V AC ³⁾	◆	2

Further designs

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

Acrylic coated, stainless steel tag [13 x 45 mm (0.5 x 1.75 inch)]; Measuring-point number/identification (max. 16 characters), specify in plain text	◆	Y17
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Manufacturer's test certificate: According to EN 10204-2.2	◆	C11
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7MH7177-

0

Order Code

Article No.

Operating instructions

English

7ML1998-5ML01

Note: the operating instructions 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/weighing/documentation>

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

Spare parts

Circuit card 32 PPR, up to 2 integrators	7MH7723-1GK
Circuit card 32 PPR, up to 10 integrators	7MH7723-1GL
Circuit card 256 PPR, up to 2 integrators	7MH7723-1GM
Circuit card 256 PPR, up to 10 integrators	7MH7723-1GN
Circuit card 1 000 PPR, up to 2 integrators	7MH7723-1GP
Circuit card 1 000 PPR, up to 10 integrators	7MH7723-1GQ
Circuit card 2 000 PPR, up to 2 integrators	7MH7723-1JL
Circuit card 2 000 PPR, up to 10 integrators	7MH7723-1JM
Circuit card 32 PPR, IS	7MH7723-1HC
Rubber coupling	7MH7723-1CM
Coupling hub for 32, 256 PPR versions	7MH7723-1CN
Coupling hub for 1 000, 2 000 PPR versions	7MH7723-1GR
Enclosure cover	7MH7723-1CJ
Enclosure bearing assembly	7MH7723-1CK
Enclosure cover, stainless steel	7MH7723-1GS
Enclosure bearing assembly, stainless steel	7MH7723-1GT
Threaded shaft coupling	7MH7723-1GH
Arrestor rod	7MH7723-1FV
Arrestor rod tension spring	7MH7723-1CP
WS300 mounting bracket for MD-36 retrofit	7MH7723-1NB
WS300 mounting bracket SS for MD-36 retrofit	7MH7723-1NC
Cable for speed sensor connection to termination box 3 cond, 18G (order per meter) ⁴⁾	7MH7723-1JP
Cable for IS speed sensor connection to termination box 3 cond, 22G (order per meter) ⁴⁾	7MH7723-1JQ
Pepperl+Fuchs IS switch isolator, 115 V AC	7MH7723-1EB
Pepperl+Fuchs IS switch isolator, 230 V AC	7MH7723-1EC

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

¹⁾ The Approval Ratings for the Proximity Switch and the IS switch isolator are the property of Pepperl+Fuchs. For current approvals, go to: <http://www.am.pepperl-fuchs.com>.

²⁾ Approval option B requires use of switch isolator to interface with the belt scale integrator, and is available with Resolution option 1, and Connections option 1 only.

³⁾ For use with IS approval option B.

⁴⁾ Cable length orders exceeding 150 m (500 ft) may not be supplied as a continuous length.