

Selection and ordering data

Article No.

SITRANS WS100 speed sensor**7MH7176-**

A compact, medium-resolution, pulley shaft-driven belt speed sensor with magnetic mounting; ideal for aggregate and mineral processing industries.

Model

8 PPR

1**Fabrication**

Polycarbonate construction with 304 stainless steel sensor cover

A**Mounting**

M12 x 1.75 threaded shaft

A

Magnetic connector

B**Approvals**

Standard CE, RCM

0

CE, RCM, ATEX II 1G, EEx ia IIC T6, ATEX II 1D Ex iaD 20 T 108 °C, and CSA/UL Class I, Div. 1, Groups A, B, C and D; Class II, Div. 1, Groups E, F and, G; Class III, Div. 1¹⁾

1**Switch isolator**

Not required

0

115 V AC (required with IS option 1)

1

230 V AC (required with IS option 1)

2**Further designs**

Order Code

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

Stainless steel tag [69 x 38 mm (2.7 x 1.5 inch)], Measuring-point number / identification (max 27 characters), specify in plain text.

Y15

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

C11**Operating instructions**

Article No.

SITRANS WS100, English

7ML1998-5LU02

SITRANS WS100, German

7ML1998-5LU31

Note: The operating instructions should be ordered as a separate item on the order.

This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.

Spare parts

Magnetic proximity switch

7MH7723-1GA

Switch, inductive, NCN4-12GM35-N0 for Approvals option 1

7MH7726-1AS

WS100 magnetic connector

7MH7723-1GF

P & F switch isolator, 115 V AC, required for approvals option 1

7MH7723-1EB

P & F switch isolator, 230 V AC, required for approvals option 1

7MH7723-1EC