

Selection and Ordering data	Order No.
Sensor SITRANS F M MAG 3100 P (Short delivery time)	7ME6340-
Diameter	
DN 15 (1/2")	◆ 1 V
DN 25 (1")	◆ 2 D
DN 40 (1 1/2")	◆ 2 R
DN 50 (2")	◆ 2 Y
DN 65 (2 1/2")	◆ 3 F
DN 80 (3")	◆ 3 M
DN 100 (4")	◆ 3 T
DN 125 (5")	◆ 4 B
DN 150 (6")	◆ 4 H
DN 200 (8")	◆ 4 P
DN 250 (10")	◆ 4 V
DN 300 (12")	◆ 5 D
Flange norm and pressure rating	
EN 1092-1	
PN 10 (DN 200 ... 300 (8" ... 12"))	◆ B
PN 16 (DN 65 ... 300 (2 1/2" ... 12"))	◆ C
PN 40 (DN 15 ... 50 (1/2" ... 2"))	◆ F
ANSI B16.5	
Class 150 (1/2" ... 12")	◆ J
Flange material	
Carbon steel flanges ASTM A 105	◆ 1
Liner material	
PTFE (130 °C (266 °F))	◆ 3
PFA (150 °C (302 °F)) (DN 15 ... 150 (1/2" ... 6"))	◆ 7
Electrode material	
Hastelloy C	◆ 2
Hastelloy C incl. grounding electrode, (only PFA)	◆ 6
Transmitter	
Standard sensor for remote transmitter (Order transmitter separately)	◆ A
Ex sensor for remote transmitter (Order transmitter separately)	◆ B
MAG 6000 I, Aluminum, 18 ... 90 V DC, 115 ... 230 V AC	◆ C
MAG 6000 I, Aluminum, 18 ... 30 V DC, Ex	◆ D
MAG 6000 I, Aluminum, 115 ... 230 V AC, Ex	◆ E
MAG 6000, Polyamide, 11 ... 30 V DC/11 ... 24V AC	◆ H
MAG 6000, Polyamide, 115 ... 230 V AC	◆ J
MAG 5000, Polyamide, 11 ... 30 V DC/11 ... 24 V AC	◆ K
MAG 5000, Polyamide, 115 ... 230 V AC	◆ L
Communication	
No communication, add-on possible	◆ A
HART	◆ B
PROFIBUS PA Profile 3 (only MAG 6000/MAG 6000 I)	◆ F
PROFIBUS DP Profile 3 (not for Ex) (only MAG 6000/MAG 6000 I)	◆ G
Modbus RTU/RS 485 (not for Ex) (only MAG 6000/MAG 6000 I)	◆ E
FOUNDATION Fieldbus H1 (only MAG 6000/MAG 6000 I)	◆ J
Cable glands/terminal box	
Metric: Polyamide terminal box or 6000 I compact	◆ 1
1/2" NPT: Polyamide terminal box or 6000 I compact	◆ 2
Metric SS terminal box (mandatory for stainless steel MAG 6000 transmitter)	◆ 3
1/2" NPT SS terminal box (mandatory for stainless steel MAG 6000 transmitter)	◆ 4

Selection and Ordering data	Order code
Additional information	
Please add "-Z" to Order No. and specify Order code(s) and plain text.	
Factory certificate according to EN 10204-2.2	C14
Factory certificate according to EN 10204-2.1	C15
Tag name plate, stainless steel fixed with SS wire (add plain text)	Y17
Tag name plate, plastic (self adhesive)	Y18
Customer-specific converter setup	Y20
Power cable wired (specify cable order no.)	Y40
Sensor for remote transmitter's junction box IP68 with wired cable (specify cable order no.) (not for ATEX)	Y41
Other postproduction requirements (add desired text)	Y99
Additional calibrations	
• Matched pair - (Standard production calibration where sensor and transmitter is calibrated together)	On request¹⁾
• Accredited Siemens Flow Instruments matched pair Calibration acc. to ISO/IEC 17025: 2005	On request¹⁾
• Customer-specified calibration up to 10 points	On request¹⁾
• CT verification and authority seal according to: PTB (Denmark and Germany)	On request¹⁾
• Customer-witnessed calibration Any of above calibration	On request¹⁾
¹⁾ Ordering On request as dedicated information from the customer on the individual sensors is required. Please fill in the calibration form found on pi.khe.siemens.de/index.aspx?Nr=17460 and send together with the order. (Size dependent restriction on maximum flow rates may apply)	

Operating instructions for SITRANS F M MAG 3100 P

Description	Order No.
• English	A5E03005599
• German	A5E03086288
• Spanish	A5E03086291
• French	A5E03086290

This device is shipped with a Quick Start guide and a CD containing further SITRANS F literature.

All literature is also available for free at: <http://www.siemens.com/flowdocumentation>

Please also see www.siemens.com/SITRANSOrdering for practical examples of ordering

MAG 5000/6000 transmitters and sensors are packed in separate boxes, the final assembly takes place during installation at the customer's place. MAG 6000 I/MAG 6000 I ATEX 2G D transmitters and sensors are delivered compact mounted from factory. Communication module will be pre-mounted in the transmitter.

Accessories

Description	Order No.
Potting kit for terminal box of SITRANS F M sensors for IP68/NEMA 6P (not for Ex)	◆ FDK-085U0220



◆ Short lead time (details in PMD)

Please use online Product selector to get latest updates.

Product selector link: www.pia-selector.automation.siemens.com