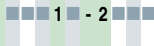


Selection and Ordering data		Order No.
Sensor SITRANS F M MAG 5100 W		7 ME 6 5 2 0 -
Hastelloy electrodes, carbon steel flanges, EU water markets and low flow applications		
Communication		
None	◆	A
HART	◆	B
PROFIBUS PA Profile 3 (only MAG 6000/MAG 6000 I)	◆	F
PROFIBUS DP Profile 3 (only MAG 6000/MAG 6000 I)	◆	G
Modbus RTU/RS 485 (only MAG 6000/MAG 6000 I)	◆	E
FOUNDATION Fieldbus H1 (only MAG 6000/ MAG 6000 I)	◆	J
Cable glands/terminal box		
Metric/Polyamid terminal box or 6000 I compact	◆	1
½" NPT/Polyamid terminal box or 6000 I compact	◆	2
◆ Short lead time (details in PMD)		

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

Approval/Verification²⁾

(MI-001 : DN 50-300 compact, EN 1092-1 PN10 and PN16 flanges with MAG 6000 CT)³⁾

- Without verification according to OIML R 49

P10

- MI-001 Q3/Q1 = 25

P11

- MI-001 Q3/Q1 = 63

P12

- MI-001 Q3/Q1 = 80

P13

- MI-001 Q3/Q1 = 160

P16

- MI-001 Q3/Q1 = 200

P17

- MI-001 Q3/Q1 = 250

P18

FM Fire Service Approval

(with ANSI B16.5 Class 150 flanges)

- DN 50, DN 80 and DN 100 (2", 3" and 4")

P20

- DN 150 and DN 200 (6" and 8")

P21

- DN 250 and DN 300 (10" and 12")

P22

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

Sensor cables wired (specify cable order no.)

Y40

Sensor for remote transmitter's junction box potted to IP68 with wired cable (specify cable order no.)

Y41

Other postproduction requirements (add desired text)

Y99**Additional Calibrations**

Matched pair - (Standard production calibration where sensor and transmitter are 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⁾

Customer-witnessed calibration

On request¹⁾

Any of above calibration

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)

²⁾ For more details and references of the ranges please see the tables on page 3/97.

³⁾ For remote version submit Product Variation Request.

Accessories**Description**

Order No.

Potting kit for terminal box of flow sensors for IP68/NEMA 6P (not for Ex sensors)

◆ **FDK:085U0220**

◆ Short lead time (details in PMD)

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 transmitters and sensors are delivered compact mounted from factory.

Communication module will be pre-mounted in the transmitter.

Please use online Product selector to get latest updates.

Product selector link:

www.pia-selector.automation.siemens.com

Operating instructions for SITRANS F M MAG 5100 W

Description	Order No.
• English	A5E03063678
• German	A5E03376527
• Spanish	A5E00376529
• French	A5E03376521
• Chinese	A5E03376501

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>

Selection and Ordering data	Order No.	
Sensor SITRANS F M MAG 5100 W	7 ME 6 5 8 0 -	
Hastelloy electrodes, carbon steel flanges, Non EU water markets		
Diameter		
DN 25 (1")	◆	2 D
DN 40 (1½")	◆	2 R
DN 50 (2")	◆	2 Y
DN 65 (2½")	◆	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
DN 350 (14")	◆	5 K
DN 400 (16")	◆	5 R
DN 450 (18")	◆	5 Y
DN 500 (20")	◆	6 F
DN 600 (24")	◆	6 P
DN 700 (28")	◆	6 Y
DN 750 (30")	◆	7 D
DN 800 (32")	◆	7 H
DN 900 (36")	◆	7 M
DN 1000 (40")	◆	7 R
(42")	◆	7 U
(44")	◆	7 V
DN 1200 (48")	◆	8 B
DN 1400 (54")	◆	8 F
DN 1500 (60")	◆	8 K
DN 1600 (66")	◆	8 P
DN 1800 (72")	◆	8 T
DN 2000 (78")	◆	8 Y
Flange norm and pressure rating		
to EN 1092-1		
PN 6 (DN 1400 ... 2000 (54" ... 78"))	◆	A
PN 10 (DN 200 ... 2000 (8" ... 78"))	◆	B
PN 16 (DN 65 ... 600 (2½" ... 24"))	◆	C
PN 16, non-PED (DN 700 ... 2000 (28" ... 78"))	◆	D
PN 40 (DN 25 ... 50 (1" ... 2"))	◆	F
to ANSI B16.5		
class 150 (1" ... 24")	◆	J
to AWWA C-207		
Class D (28" ... 78")	◆	L
to AS 4087		
PN 16 (DN 50 ... 1200 (2" ... 48"))	◆	N
to JIS		
B 2220:2004 K10 (1" ... 24")	◆	R
Flange material		
Carbon steel flanges ASTM A 105	◆	1
Liner material		
Ebonite Hard Rubber	◆	4
Electrode material		
Hastelloy	◆	2

Selection and Ordering data	Order No.	
Sensor SITRANS F M MAG 5100 W	7 ME 6 5 8 0 -	
Hastelloy electrodes, carbon steel flanges, Non EU water markets		
Transmitter with display		
Sensor for remote transmitter (Order transmitter separately)	◆	A
MAG 6000, Polyamid, 11 ... 30 V DC/11 ... 24V AC	◆	H
MAG 6000, Polyamid, 115 ... 230 V AC	◆	J
MAG 5000, Polyamid, 11 ... 30 V DC/11 ... 24V AC	◆	K
MAG 5000, Polyamid, 115 ... 230 V AC	◆	L
Communication		
No communication, add-on possible	◆	A
HART	◆	B
PROFIBUS PA Profile 3 (only MAG 6000)	◆	F
PROFIBUS DP Profile 3 (only MAG 6000)	◆	G
Modbus RTU/RS 485 (only MAG 6000)	◆	E
FOUNDATION Fieldbus H1 (only MAG 6000)	◆	J
Cable glands/terminal box		
Metric	◆	1
½" NPT	◆	2

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	Y17
Tag name plate, plastic (self-adhesive)	Y18
Customer-specific converter setup	Y20
Sensor cables wired (specify cable order no.)	Y40
Sensor for remote transmitter's junction box potted to IP68 with wired cable (specify cable order no.)	Y41
Other postproduction requirements (add desired text)	Y99

Operating instructions for SITRANS F M MAG 5100 W		
Description	Order No.	
• German	A5E03376527	
• English	A5E03063678	
• French	A5E03376521	
• Spanish	A5E03376529	
• Chinese	A5E03376501	

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>

Accessories		
Description	Order No.	
Potting kit for terminal box of flow sensors for IP68/NEMA 6P (not for Ex sensors)	◆	FDK:085U0220



◆ Short lead time (details in PMD)

MAG 5000/6000 transmitters and sensors are packed in separate boxes, the final assembly takes place during installation at the customer's place.

Communication module will be pre-mounted in the transmitter.

Please use online Product selector to get latest updates.

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